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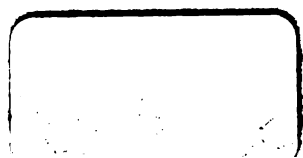
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THE MODERN MILLER

\$2.00 Per Year.
5 Cents Per Copy.

ST. LOUIS, JAN. 7, 1899.

Volume 24.
Number 31.



PLANT OF SCHULTZ, BAUJAN & CO., BEARDSTOWN, ILL.

THE HOME MILLS.

WE take pleasure in presenting to the readers of the Modern Miller this week an illustration of the Home Mills, the plant of the well-known milling firm of Schultz, Baujan & Co., at Beardstown, Ill. The firm of J. Baujan & Co. started in the milling business in Beardstown in 1875 and continued until 1890. The members of the above firm were Mr. J. Baujan and Mr. J. Schultz. On the death of Mr. J. Baujan in 1890, the firm name was changed to Schultz, Baujan & Co. The members of this firm are Mr. J.

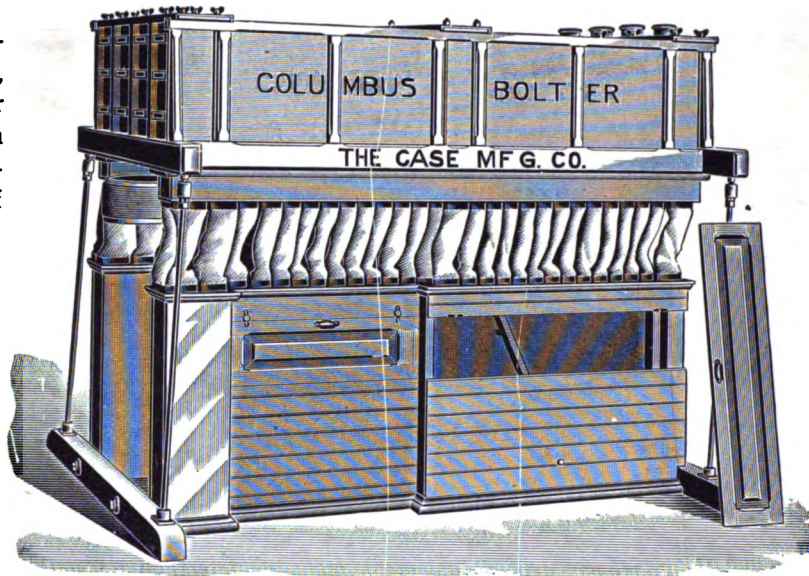
Schultz, Mr. Louis Baujan and Mr. Geo. E. Baujan.

In 1894 they purchased the Hagener Bros.' mill of 150 barrels capacity and enlarged it to 500 barrels capacity. The old plant was located on the river and away from the railroad and is now used for storage purposes. The new plant is located on the Chicago, Burlington and Quincy Railroad. Its capacity is 500 barrels of flour and 32,000 pounds of mill feed daily. The firm also owns a line of elevators located on the Illinois River and the Chicago, Burlington and Quincy, and Baltimore and Ohio Southwestern Railroads, having a total capacity of 300,000 bushels. These elevators are

at Beardstown, Bluff Springs, Cass Siding, Hagener, Astoria, Meredosia, Baders and Summum. Messrs. Schultz, Baujan & Co. do a very heavy exporting business to Glasgow, England and Ireland, where their flours are well known under the brands of "Uncas" and "Hawkeye." They have a very large domestic trade with the cracker, candy and biscuit manufacturers and also through all the Southern States, under the popular brands, "Critic," "Premier," "White Frost," and "Silver Moon." Their reputation is such as can only be acquired by long years of fair dealing and the manufacture of high grade goods, and is second to that of no firm in the country.

...HAVE YOU INVESTIGATED IT'S MERITS? ...

COMPLETER control of sieves, arrangement for finishing stock on each break separately, handling of stock reduced, automatic brush beneath cloth, gentle handling of stock, double crank drive, uniform motion; and the elimination of stub spouts are among some of its many superior points.



THE same suggestion will apply to the . . .

**COLUMBUS
SCALPER
AND
GRADER.**

You wont miss it if you give these two machines careful investigation and a thorough trial. . . . Write us about both of them.

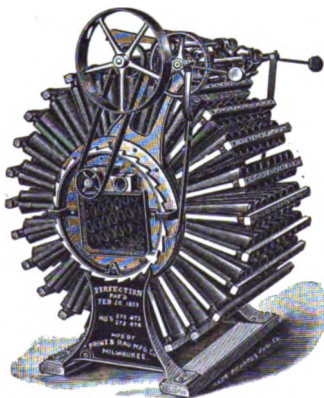
The Columbus Bolter.

THE CASE MFG. CO.,

MILL BUILDERS AND FURNISHERS.

COLUMBUS, OHIO.

...NOTHING BUT GOOD WORDS TO SAY.



**THE
PERFECTION DUST
COLLECTOR.**

KAUFFMAN MILLING CO.,

... PROPRIETORS ...
**PEERLESS ROLLER FLOUR MILLS
AND GRAIN DEALERS.**

St. Louis, Mo., Dec. 5th, '98.

MR. GEO. COLE, Agent,
PRINZ & RAU MFG. CO.,
Milwaukee, Wis.

DEAR SIR:—The Iron Prince Scourer we recently purchased of you is giving us excellent satisfaction. We are agreeably disappointed in its light running and the perfection of its work. We regard it as the best Scourer we have used in our thirty years of milling experience. We have nothing but good words to say of your Scourer.

Yours truly,
H. C. KAUFFMAN, Sec'y.

THE PRINZ & RAU MFG. CO.,
MILWAUKEE, WISCONSIN.

The Modern Miller.

Cable Address, A Weekly Newspaper.
"EDITOR," ST. LOUIS. Vol. 24. No. 84.

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WESTERN DEPARTMENT,
408-9 Board Trade,
KANSAS CITY, MO.

PHILIP E. BURROUGH.....Representative.

WASHINGTON DEPARTMENT,
JOHN E. MONK.....Representative.
1421 F. Street, N. W.

FOREIGN DEPARTMENT
C. F. HALL.....European Special Representative.
W. D. SPARKS.....Cuban Special Representative.

TERMS OF SUBSCRIPTION.
(Invariably in Advance.)

United States, Canada and Mexico..... \$2.00
Foreign Countries in Postal Union..... \$ 8.00

Entered at the Post-Office, at St. Louis, Mo.
as second-class matter in May, 1886.

ADVERTISING; The Kinds That Pay. On this subject, one of the most important to millers seeking an extended market, a very interesting paper was read at the annual convention of the Michigan State Millers' Association by Mr. Charles H. S. Poole, secretary and treasurer of the Holly Milling Co., Holly, Mich. It deals so comprehensively and intelligently with the subject that the Modern Miller wishes to particularly direct the attention of every reader of this journal to its conclusions, which we believe are absolutely correct, and certainly are well stated. Mr. Poole's paper, in full, follows:

THE subject which has been assigned me is one on which I cannot claim to be an expert; but having been made a victim of a system, of forming a programme which makes its announcements first and notifies the active participants in its execution afterward, I can only give you, for what they may be worth, my ideas in regard to advertising.

In the milling business, the kinds of advertising that pay are not so numerous as to form a basis for a very extensive address. It is generally accepted at the present day that news-

papers or periodicals are the rational, progressive and by far the best advertising mediums.

Having reached this conclusion the next step is naturally to ascertain "what newspaper?" Essentially it must be one that reaches the class of trade most desired. The manufacturer who lacks either inclination or capacity to extend his trade beyond the confines of his own locality may possibly find no better medium than the local daily paper—even though he be sandwiched in between the patent medicine advertisement and that of the department store. And unless his business is located in a large city, even this would seem superfluous; because his plant would be so well known to his neighbors as to hardly need advertising to them.

BUT he who would make the markets of the world his own must use a medium that reaches the buyers in the world's markets, both at home and abroad. For a manufacturer, I know of no better medium than a trade journal devoted to the interest of his product, whether it be flour or hardware or boots and shoes—provided it reaches the buyers of consequence, and is of a standing and character to carry weight with its readers.

And when he finds the proper and profitable medium let him stick to it and advertise steadily and constantly and continuously. Spasmodic advertising, short-time advertising, does not pay and the best class of journals do not care to accept such advertising because the publishers know that it is not the kind that brings results, and that the advertiser consequently is apt to grow disgusted and become a disbeliever in advertising on the strength of such an experiment.

In speaking of the kinds of advertising that do pay, one's thoughts naturally stray for a contrast, to the kinds that do not. This is a subject of wider range than the former one, because there are so many worthless kinds; some are of honest intention, but out of date or without force. There is the time-honored circular for instance; the circular has its uses, such as bringing to the attention of a trade already well acquainted with the advertiser, some special article or occasion, but they are very limited. It does not get attention and it carries no weight. How many of the circulars that come in his daily mail does the busy man read? And of those he reads, how many convince him of anything?

Then there is the charity advertisement—the space in the entertainment programme for instance—to which the jolly miller, with his celebrated, but somewhat unfortunate reputation for good nature is expected to fall an easy victim. Also the endless procession of people with schemes—some of them plausible enough to fool the shrewd business man into thinking he has found a way to steal a march on his competitors.

LAST, but not least, is what may best be termed the "Rank Fake."

The most contemptible example of this is to be found in the performances carried on for the last few months by an alleged "Health Journal" and the millers of various States have been selected along with cheap soap manufacturers and others as victims.

The method of procedure is to send to the miller a typewritten article purporting to be an editorial and consisting of nauseatingly fulsome praise of that particular miller's brands of flour, which the writer claims to have analyzed. Accompanying this is a letter setting forth that the enclosed matter is shortly to be used as an editorial and suggesting that the maker of the flour will probably want a large number of copies of the paper on which prices are quoted, varying according to the quantity. It is a regrettable fact that several millers have fallen easy victims to these flatterers—most of them, however, have taken no notice of their overtures, and some have, for the protection of the trade, taken steps to show them up.

Such disgusting degradation of its editorial columns, brands this graveyard sheet in its true colors and makes it an object of repulsion to all self-respecting journals.

I find, as I suspected, that there is not very much advice which one miller can give another on this subject of mine to-day, or rather that the gist of it will go into a few words. Find out the best mediums—the ones that reach and reach with force, the trade you want—and then stick to them.

THE Relative Merits of Graham and Patent Flours, was the subject of an interesting paper by Prof. Albert B. Prescott before the Michigan State Millers' Association, and we are pleased to present it in full to our readers. Prof. Prescott said:

Here are two articles of food, now in use for the nourishment of men,

Unqualified Recommendation.



OFFICE OF

GROVE ROLLER MILLS,

DOHERTY & MASON CO., Proprietors.

Brands of Flour: . . .

"CAPITAL,"

"SNOWFLAKE."

Grove, I. T., Oct. 27th, 1898.

MR. R. C. STONE, Agent,
BARNARD & LEAS MFG. CO.,
Springfield, Mo.

DEAR SIR:—The Flouring Mill built for us last September is all that it was recommended to be. The Plansifter is meeting our expectations in every respect.

We are making better flour than our competitors, and have no hesitancy in saying that your milling system is equal to, or superior to any on the market.

Yours truly,

DOHERTY & MASON.

WRITE FOR FULL PARTICULARS TO THE

BARNARD & LEAS MFG. CO.,

MOLINE, ILLINOIS.



R. C. STONE, Springfield, Mo., Agent for Missouri, Indian Territory, Arkansas, Texas and Old Mexico.
BARNARD MACHINERY CO., Enterprise, Kans., General Agent for Kansas, Colorado and Oklahoma.

T. M. Van Horn, Room No. 49 Board of Trade, Indianapolis, Ind., General Agent for Indiana and Southern Illinois ; J. H. Williams, Lock Box No. 203, Columbus, O., General Agent for Ohio, and W. B. Tally, Paducah, Ky., General Agent for the Southern States.

both made by the miller from wheat, the best cereal food the earth has produced. These two articles are placed before us, on the programme of this meeting, and we are asked what are their relative merits, when the one is weighed in comparison with the other. Therefore let us find out, as nearly as we can:

(1.) What the actual difference is between "graham flours" and "patent flours."

(2.) What bearing such a difference in the flouring really exerts upon the part taken by wheat among other foods in the sustenance of man.

To begin our first inquiry as to the essential difference between one of these sorts of flour and the other, granting both to be ground from the same wheat, we must call upon chemical analysis to define this inherent difference, in the terms of the composition of foods at large. We want to know how the chemical composition of the one varies from that of the other.

Let it be granted in this paper, under the term graham flour, to include all "coarser" flour, whole wheat, entire wheat, etc. And under the term "patent flour" to include all kinds of refined white flour. A large amount of woody fiber, from the husky coat of the grain, the shell-like fragments which make up so much of bran, a larger amount of this material, however finely it may be ground, is the best known distinctive feature of the grades of graham or coarse flour, as distinguished from those of fine flour. So far as the fibre is ground fine it certainly ceases to make the flour of which it is a part a coarse flour, in the sense of mechanical coarseness, but all the fibre would be revealed in a chemical analysis, irrespective of the fineness of its division. With the fiber lies a good share of the coloring matter of the seed, so that, as is well understood, any flour classed as "graham" is darker in color than any flour classed as "patent," thereby revealing the graham flour to the eye of the consumer, who is happily able to select graham bread for himself if he finds it preferable.

THE present writer has not undertaken to distinguish the several sorts of flour approaching in character to "graham," nor the several sorts of "patent" flour and their relation to other kinds of refined white flour. To do so is not necessary to the present purpose, and would far transcend the limits of this paper. In

fact what we want to do, is to set out before us, from the results of chemical analysis, the leading constituents of wheat in their percentages in the whole grain, along with the percentages of the same constituents as found in the extreme grades of fine flour on one hand, and the extreme grades of coarse flour on the other hand, as these grades are found on common open markets. By these extremes of grade we shall cover over as intermediate all ordinary differences between graham flour and patent flour, and so give answer to question one.

Below are tabulated figures of the percentages of the leading constituents

	Water.	Proteids.	Starch.	Fat.	Fibre.	Ash.	Refer. No.
Entire Wheat, average for U. S. and Canada, 1886.....	10.27	11.96	71.98	2.16	1.80	1.84	(1)
Entire Wheat, Michigan average, 10.71	10.71	11.67	72.12	2.06	1.99	1.64	(2)
Extreme percentages.....	12.49	18.68	78.66	8.57	8.05	8.57	(3)
Entire Wheat.....	7.87	7.70	64.94	1.40	0.44	0.90	
American Flour, averages.....	12.05	11.08	74.82	1.2	0.8	0.6	(4)
"Patent Flour," average.....	12.59	11.07	74.59	1.12	0.26	0.87	(5)
Entire Wheat for last, above.....	9.07	14.85	70.57	2.74	1.68	1.79	(6)
Bran.....	10.91	16.28	56.21	5.08	5.98	5.59	(7)

- (1) Clifford Richardson, 1886, from 260 analysis. Am. Chem. J. Vol. 6, p. 805.
 (2) The same chemist, same date and reference, from 22 analysis.
 (3) The same chemist, same date and reference, from all analysis.
 (4) Average percentages of 25 lots of American wheat flours; Prof. Johnson, of Yale.
 (5) Average percentage of 4 lots of Minnesota wheat, "rolled process," "patent flour." Richardson, 1886, Am. Chem. J. Vol. 6, p. 896.
 (6) Richardson's average, same wheat as last above, same reference.
 (7) Richardson's Bran, same wheat as last above, same reference.

THE constituent water is the moisture of the grain, an agent of dilution, which would be driven off by drying in an oven at a little above the temperature of boiling water. The percentages of water in various foods are about as follows: In bread 31; in potatoes 75; in eggs 72; in white of eggs 85; in beefsteak 53 to 74; in milk 88; in butter 12; in oleomargarine 10.

By the proteid matter is to be understood the class of food substances holding nitrogen in combination, and sometimes termed albumenoids. Gluten, the elastic and cohesive part of the wheat kernel when it is chewed in the mouth, constitutes the bread making strength of flour, and the larger part of the proteids. The higher the percentage of gluten, in fact, generally, the higher the percentage of proteids, the larger the loaf from a given weight of flour. So absolutely necessary to bread making is gluten, whether bread or biscuit be made by "leavening" or by baking powder, that any flour very poor in this constituent is sure to lose favor and be rejected.

WE owe to an American chemist, T. E. Osborne, of Yale University, recent great advances in the chemistry of the proteids of the breadstuffs, not neglecting maize. In

of varieties of wheat and of some grades of flour. It is the office of chemistry to define each one of the leading constituents, and to declare how far it is in all instances precisely one and the same thing, and how far it is subject to variations, as when taken from different varieties of wheat. In defining each constituent we will avoid the use of chemical terms, almost wholly, and trust that common terms may be made definite enough for our purpose. And our purpose requires also some explanation of the part which these constituents of wheat severally bear in making up the total food of man.

respect to nutrition, the body is chiefly dependent upon the proteids for the building material of the animal tissues, in meeting tissue waste all through life. But a much greater demand of our bodies is the supply of heat and other forms of energy, and to this end, as mere material for combustion so to speak, nitrogenous food is not necessary and is generally not favorable, unduly loading the excretions with nitrogenous matters. Among other foods, beefsteak contains 18 to 20 per cent of proteids, milk $3\frac{1}{2}$, cheese 26, and beans 22 per cent.

Under the terms starches are included, beside all varieties of starch, whatever sugars and pentosans may be present. These make the larger part of all breadstuffs. As the table shows, the lowest proportion of this class of constituents is 64 per cent of the entire wheat. In the sample of bran, 56 per cent was starch. Comparing with other foods, it appears that starches form 64 per cent of oatmeal and 76 per cent of rice. In digestion the starches become soluble as sugars, in nutrition their combustion supplies the motive power of life, and does this without the disadvantages that attend the combustion of proteids. In the horse and the ox, the muscles are constructed out of proteids of veg-

GYRATOR SYSTEM.

CAPACITY, QUALITY,
PERCENTAGES AND
YIELD. —



EL RENO, OKLAHOMA, Dec. 6th, '98.
THE WOLF CO.,
Chambersburg, Pa.

GENTLEMEN:—Our mill which you have completed and was started a few days since, is working to our entire satisfaction. After giving it a fair and thorough examination and trial, we are satisfied that your Gyrator Sifter System is superior to any other style of machines now in the market, and we are very highly pleased with our mill in every respect.

In our estimation your Purifiers are the equal, if not superior, of any machines that we have seen. They require a small amount of power and are easy to regulate.

Our contract called for a mill to have a capacity of 300 barrels of flour in 24 hours. We are pleased to state that we are manufacturing 360 barrels per day, using hard wheat.

Our motive power is furnished from our 14x36 Corliss engine, and it does the work easily.

We have just made final settlement with your agent, and have paid to him the balance due on the mill, as per contract, which we trust will be satisfactory to you.

Wishing you a brilliant success in the future as in the past, we remain

Very truly yours,
CANADIAN CO. MILL & ELEVATOR CO.,
Per Henry Lassen, Pres't.



— THE WOLF CO., —

West of Ohio address, our Central
Agent, W. O. EVERETT, No. 809
N. Senate Ave., Indianapolis, Ind.

... Chambersburg, Pa.

to this side). After this, several days more must be spent in forming acquaintanceship before anything else can be done. This interesting occupation and the business engagements resulting therefrom have played such havoc with the dates of my nicely prepared itinerary that I have found it quite impracticable to assume the duties of a regular correspondent for the *Modern Miller*, although I have faithfully answered numerous letters of inquiry received from patrons of the paper. My investigations in behalf of our miller friends have been as thorough as was possible on a first tour of the chief importing cities, and the results will be set forth in one form or another in future issues.

Most of the letters referred to were from winter wheat millers, and their chief point of inquiry has been in regard to the outlook for the extension of trade in their flours in the London market. I regret to say that on this I have not been able to offer them much encouragement for the present season. England had a good crop of wheat last year and so did France, besides which the prices prevailing in the United States for soft winter wheat flour have not only greatly increased the difficulties of introducing new brands, but have seriously curtailed the sale of flours of long established popularity here. The importers tell me it is a heartbreaking business to

attempt to educate the public to a taste for our high grades of winter wheat flour, for nine-tenths of the bread daily consumed in the city is made by bakers, and they are much more particular as to the number of loaves a sack of flour will produce than as to the color of the bread—and there are more colors of bread sold in London than there are varieties of sausage in America. Spring wheat flours are always in demand for strength and the winter wheat flours that must be purchased are for the most part of the inferior grades.

It is an off season even for the best known brands and the everlasting difficulty which importers experience in receiving shipments with any degree of regularity is another obstacle in the way of their sale. Here is a question that must have the grave consideration of every American miller who desires to secure and hold permanent connections, not only in London, but anywhere else on this side of the Atlantic. I have listened to a constant bombardment of complaints for three months from London, Liverpool, Bristol, Leith, Glasgow, Belfast and Dublin importers. Many shipments of flour made at primary points in America as far back as October 1 to 15 are only now arriving. Owing to the long delays sales had to be canceled, and now the only alternatives left the importers are either to store the flour,

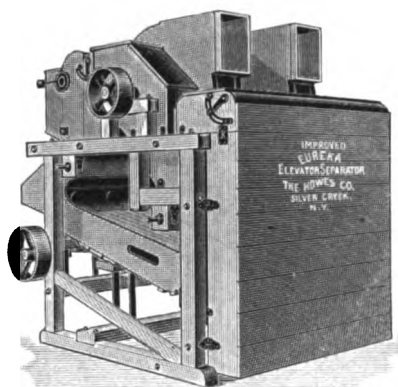
which is very expensive, or to sell it at emergency prices, which may be quite regardless of profit.

There is something terribly wrong somewhere—either with the millers themselves, the railroads or the ocean carriers, and it seems to me that something might be done to bring about greater regularity of transit. For many years I had listened to the echoes of walls from this side over this matter, but I never had a due appreciation of the torments which the foreign customers of our American flour exporters have to undergo until I was brought face to face with the proofs. The Millers' Tracing Bureau, which at one time promised so much good, seems to have fallen into desuetude; at any rate if it is still in operation no one receives any evidence of it here. My humble opinion is that if millers are not individually capable of commanding better service from the transportation companies, they should proceed forthwith to organize an association for the single purpose of bringing such a pressure to bear upon the carriers as will force them to insure more prompt shipments. Undoubtedly many millers are themselves to blame for carelessness and indifference, which they will surely have to pay for in loss of trade, but I am confident that the cause of the trouble in most cases can be traced to the railroad and steamship companies.

Six weeks is long enough, in all conscience, for a shipment of flour to reach Liverpool from as far west as the Mississippi at least, and when the time drags along to three and four months it is enough to take the heart out of trade and tradesmen. I hope the *Modern Miller* will take this matter up at once and keep pounding away on it till our millers have been aroused to action and a reform inaugurated. I inclose herewith a letter on this subject from a Glasgow flour importer. Mr. Cassels sounds the keynote when he says: "We feel certain that with the most of our correspondents we could double our trade if we had a reasonable guaranty that flour would come through with regularity and on fair time—say in six weeks—from date of dispatch from mill."

Of the winter wheat mills that are holding a trade with London I hear more about those of Indiana, Michigan and Ohio than of any other western state, although a few in Illinois, Kentucky and Tennessee are doing something here. The situation may be a little different a year from now as regards chances for further connections

HECKER-JONES-JEWELL
MILLING COMPANY
 NEW YORK CITY, U.S.A.
 CAPACITY—11,000 BARRELS A DAY
 FLOUR ALWAYS SHIPPED FRESH
 MILLERS OF CHOICE
SPRING BLENDED WINTER
 AND
WHEAT FLOUR.
 The only Flour Mills in the
 United States
 located at the Seaboard
 thus assuring quick
 delivery to purchasers.



The Eureka Grain Separators ... and Oat Clippers

Lead the World in Perfect Construction,
Finish and Results.

The New Eureka Two-Fan Elevator Separator

is our latest and greatest success in this style of separator. It is the only separator having two separate and distinct fans, drawing air from four sides, and making three perfect sieve separations. Our counter-balance shoe drive insures smooth and steady running. This machine must not be confounded with so-called double fan machines, that draw from one side only.

For Further Particulars
and Prices, Address,

THE S. HOWES CO., EUREKA WORKS, Silver Creek, N.Y., U. S. A.

THE WESTERN Feed and Grain Co.

MALLER'S BUILDING, CHICAGO, ILL.

WE ARE EXPORTERS of Wheatbran, Middlings, Red Dog Flour, Rye Feed, Corn Products, Distillery Feed, Brewers' Grains, Corn and Linseed Cake, also Corn, Wheat and Oats. MAKE US QUOTATIONS.

EDWARD P. MERRILL, Millers' Agent,

Grain and Mill Feed.

Office, No. 2½ Union Wharf,
PORTLAND, MAINE.

Send Samples Winter Mixed CIPHERS: ...
Feed 100s, and Bran Deliv- Robinson's.
ered, Boston Rate Points. Jennings's.
I want a good Corn Account.

C. E. CLIFTON & CO.,

(FORMERLY OF THE P. H. HILL CO.)

MILLERS' AGENTS AND GRAIN BROKERS

Respectfully solicit correspondence with
Spring and Winter Wheat Millers, Grain and Hay
Shippers & siring trade in Baltimore, Wash-
ington and Alexandria.

ADDRESS ALL COMMUNICATIONS
C. E. CLIFTON & CO., Washington, D. C.

E. C. Buchanan & Co.,

DEALERS IN

HAY, CORN, OATS, BRAN, FLOUR
AND MEAL,

328 FRONT ST., MEMPHIS, TENN.

J. HY. LAFAYE & SON,

BROKERS.

FLOUR, PROVISIONS, GRAIN.

No. 429 Natchez St., NEW ORLEANS

ESTABLISHED 1871. MONTAGUE & CO.,

6 AND 8 SHERMAN ST.
CHICAGO, ILL.,

COMMISSION MERCHANTS,

Flour, Grain and Millstuffs.

Prompt attention given to orders for future
delivery in Grain and Provisions.

REFERENCE—First National Bank.

I AM IN THE MARKET

FOR ROUND LOTS OF

SPRING, HARD AND WINTER WHEAT

FIRST AND SECOND BAKERS

FOR SHIPMENT
WITHIN THE

NEXT THIRTY DAYS.

Send samples and net cash prices
f. o. b. cars your station to,

GEO. W. BROOKE,

Atlanta, Ga.

CORN STARCH

Millers having Corn Starch to
sell can find a purchaser by com-
municating with

Layton Pure Food Co.,

ST. LOUIS, MO.



... THE ...

Dehner-Wuerpel Mill Building Co.,
MILL BUILDERS AND FURNISHERS.

Office and Factory, 1607-17 S. 3rd Street

- - ST. LOUIS, MO.

We Build . . .

Complete Outfits of Mills
and Elevators.

MILL FURNISHINGS

Constantly in Stock. . . .

WRITE US FOR ESTIMATES
AND CATALOGUE.

and a better business, but the miller who thinks he must send samples of his tip-top Sunday-go-to-meeting-best patent to the London importer to induce him to make an offer calculates wrongly. The baker will not pay "patent" prices, and there is no use in trying to charm him with it.

While the proverbial unfriendliness of the London bakers to our soft winter wheat flours has been accentuated, it is a fact pleasing to note that the products of the Kansas hard wheat mills are steadily growing in popularity with them. If Kansas could, by the help of providence, continue for several years to produce such excellent crops as the one secured in 1898, her millers would be enabled to gain an advantage in this market which only a succession of crop failures or careless milling could wrest from them. On the occasion of my first visit to London in November a leading importer remarked to me: "We cannot sell your soft wheat flours at prices that can net your millers a profit, but the flours from this year's crop of Kansas hard wheat, which are now going into consumption in this country, are of such superior quality that I expect to see an unusually strong demand for them after January 1." From all I can hear this gentleman's expectations have been fully realized. There is more talk about Kansas flour in Mark Lane now than ever before, and several large importing firms have expressed themselves as desirous of obtaining new connections among Kansas mills. They are very particular, however, in regard to their correspondents, as they do not care to waste time communicating with millers who are not in position to guarantee them ample supplies of the simon-pure article. By strict attention to the wants of these people Kansas millers of hard wheat can in the course of time, I am sure, make a record to conjure by in this market.

Among the responsible and large importers of American flour in London are the following: Pillman & Phillips, 41 Seething lane; Begbies, Ross & Gibson, 5 Lime street; W. M. Meeson, 50 Mark lane; J. J. Carter, 41 Seething lane; Haslam & Makovski, 4 and 5 Corn Exchange chambers; T. S. Medill, 12 Mark lane; Walkers, Winser & Hamm, 1 Muscovy court; Robt. Adams & Co., South Sea House, Threadneedle street; F. Leuders & Co., 118 Bishopsgate street; Morris & Co., 79 Mark lane; Tasker & Co., 19 Mark lane; Arthur Margetson & Co., 37 Seething lane, and R. Hunter Craig & Co., 19

and 20 Corn Exchange chambers. Mr. A. F. Lankdon, who lately came here from America, is working up considerable business for several mills.

In a future letter I will have something to say about the trade situation in the territory covered by the Liverpool, Glasgow and Belfast importers, who handle the great bulk of our winter wheat flour coming to Great Britain; also of the character of the business done by the Bristol firms.

C. F. HALL.

The letter to which Mr. Hall refers, addressed to him by Messrs. John L. Cassels & Co., Glasgow, follows:

While on a visit to this country you have now an opportunity of studying on the spot the inconvenience and loss suffered by receivers of flour from the long delays in transit. By contact with buyers on this side you can estimate the inconvenience of having flour delayed in transit over three months and how unsatisfactory it is, when a receiver has no idea whether his goods will arrive in one or four months. At present the blame seems to rest with the American railroads, rather than with the steamship companies. We have given you instances where the Allan line have repeatedly called for flour shipped from a comparatively near by point in Indiana in September, and cannot get it. We would direct your attention to a point of view that is evidently overlooked by the millers of America, viz., the loss of business to themselves caused by these never ending delays. We feel certain that with the most of our correspondents we could double our trade if we had a reasonable guaranty that flour would come through with regularity and on fair time—say six weeks from date of dispatch from mill. In September, 1897, we suggested a remedy through the columns of a well known milling journal, and though ably backed up by that paper, the millers of America have done nothing. Nor have we any expectation that they will do anything till such time as they see that the loss of business to themselves is enormous. We would suggest that you take up the matter and by ventilating the subject you may assist in securing a reform in export methods that would tend largely to increase the trade of American millers, and confer an inestimable boon on flour receivers in this country. We are yours faithfully,

JOHN L. CASSELS & CO.

KANSAS MILLERS' MUTUAL FIRE INSURANCE COMPANY.

The annual report of Robert Atkinson, secretary of the Kansas Millers' Mutual Fire Insurance Company, to the directors, shows the year 1898 to have been one of exceptional prosperity for that company. It follows: "To the Directors:

"It is with considerable gratification that I report the amount of fire loss sustained by your company in 1898 is less than one-half that of 1897. Our loss for 1897 was \$40,770.35, while for 1898 it was \$19,885.00. We paid losses in 1897 to amount of \$30,422.30 and the balance was carried over into 1898 for settlement. In 1898 we paid losses to the amount of \$31,035.39, making a total paid for losses in the past 24 months of \$61,457.69. That we have been able to liquidate this large amount of loss in addition to the regular running expenses of the company with but one extra assessment in addition to the regular levies, in the two years, should demonstrate beyond question the company's ability to pay its losses.

"During the year we levied our two regular semi-annual assessments of 5 per cent of the premium notes each, which made the cost to our members one-half the basis rate or 50 per cent the amount charged by stock companies.

"ROBERT ATKINSON,
"Secretary."

The following fire losses were paid by the company in 1898:

Hazleton Roller Mill Co. Hazelton, Kan	\$ 4,555 80
E. Goddard Flour Mill Co., St. Louis, Mo	3,242 25
Reed & Heinrich, Blue Hill, Neb..	2,500 00
La Flore Mfg. Co., South McAlester, I. T	3,891 04
F. S. & F. D. Larabee, Stafford, Kan	4,333 12
Garrison Mfg. & Ele. Co., Hooper, Col	2,900 10
Ulrich & McCaslin, Chillicothe, Ill	2,693 46
Degraw & Chambers, Onaga, Kan	2,696 11
Russell, Metcalf & Co., Lawrence, Kan	3,723 80
DeWitt Mfg. Co., DeWitt, Mo....	308 49
Springfield Mfg. Co., Springfield, Mo	133 25
W. R. Cummings, Fallsdale, Neb..	25 00
Kansas City Mfg. Co., Kansas City, Mo	32 97
	\$31,035 39

Cheap Water Power

IN SEATTLE AND TACOMA
ON PUGET SOUND.

Address, Snoqualmie Falls Power Co.,

SEATTLE, WASH.

LEADING IMPORTERS OF THE UNITED KINGDOM.

W. M. MEESON, AMERICAN FLOUR IMPORTER. - - Stand 55, Old Corn Exchange, And at Battlesbridge, Essex. LONDON, E. C.	PILLMAN & PHILLIPS, FLOUR IMPORTERS and MILLERS' AGENTS, LONDON, LIVERPOOL, BRISTOL AND BELFAST.	BEGBIES, ROSS & GIBSON, FLOUR FACTORS, 28 Old Corn Exchange. 2 East India Ave., Cable Address: BEGBIES, LONDON, London, E. C. BANKERS: London City & Nodland.
T. B. HORNE. D. D. HORNE. J. M. HORNE. HORNE BROTHERS, GRAIN and FLOUR MERCHANTS, ماركيز C. I. F. Business only. LIVERPOOL.	G. C. BARNES. A. BARNES. BARNES & CO., FLOUR IMPORTERS, CODE: Riverside, 10, DRURY LANE, 1893 Ed'n. Telegraphic address: "Minatory," Liverpool. LIVERPOOL.	ARTHUR V. JAMES. ISAAC MCILROY. ARTHUR JAMES & CO., IMPORTERS AMERICAN FLOUR, 15 Queen Square, BRISTOL.
FRANCIS BARNARD, GRAIN AND FEED BROKER, Branch at 56 Queen Square, Commercial Road Docks, BRISTOL. GLOUCESTER.	TAPSCOTT, KITCHEN & NEVILLE, IMPORTERS OF Mill Feed, Flour, Maize, Oats, Hominy, Feed, Etc. Codes: Riverside, A. B. C. and A1. Liverpool & London, E.C.	THOMAS POLE. C. J. ABBATT. Chamberlain, Pole & Co., FLOUR AND CEREALS, BRISTOL.



BRUCE & WILSON, 70 WELLINGTON ST., GLASGOW Cable Address: GLASGOW Agents to Lloyds.	M. KOSMACK & CO., GLASGOW; BERLIN, GERMANY: Flour and Feed. Wheat, Rye, Corn, Flour and Feed. Branches at Liverpool, Belfast, Dublin, Bristol and Edinburgh-Leith.
---	---

Thomas Dunlop & Sons,
 Flour Importers, Ship Owners and Brokers. 70 Wellington Street, GLASGOW.
 Haytien Consulate.

PETER RINTOUL, SON & CO., ...81 HOPE STREET ... GLASGOW. Cable Address: GLASGOW.	CRAWFORD & LAW. 81 Hope Street, Fenwick Court, GLASGOW. LIVERPOOL. CABLE ADDRESSES: "Camellia," Glasgow. "Lexicon," Liverpool.	DEMPSTER, PETERSON & CO., III Union St., GLASGOW. Cable Address: "BELLINO"
FARQUHAR BROTHERS, 81 Hope Street, . . . GLASGOW. Cable Address: "Glencalra." C. I. F. Business only.	DUNLOP BROTHERS, 11 Bothwell St., GLASGOW. Cable Address: "MERITO."	MOWAT BROTHERS, 7 Madelra Court, GLASGOW. AND AT BELFAST.

JAMES BISHOP.

ESTABLISHED 1854.

THOMAS A. DOWIE.

PETER DOWIE & CO.,
 FLOUR IMPORTERS, GLASGOW AND LEITH.

LEADING IMPORTERS OF BELFAST, IRELAND.

SHAW, POLLOCK & CO., Ltd. FLOUR IMPORTERS, BELFAST AND DUBLIN. Cable { "Pollock, Belfast." Addresses: { "Pillsbury, Dublin."	FRANK F. FIGGIS, FLOUR AND FEED, BELFAST.	W. & R. BARNETT, GRAIN AND FLOUR, 15 Victoria Street, BELFAST. Cable Address: "Provider, Belfast."
A. H. MANDERSON, FLOUR AND FEED, Cable Address: "MANDERSON." BELFAST.	THE MODERN MILLER Connects the Foreign Buyer with the Mill Owner.	

REPRESENTATIVE CONTINENTAL IMPORTERS.

EUGENE M. JANSSENS & CO.,
FLOUR, FEED & CORN PRODUCTS,
 Rue Appelmans 17,
 Cable Address, "Adolf, Antwerp." **ANTWERP.**

LEDEBOER & VAN DER HELD,
Grain, Flour, Seed and Linseed Cake,
ROTTERDAM.

W. SCHÖFFER & CO.,
 IMPORTERS OF
 Grain, Flour, Linseed, Cottonseed Meal,
 Linseed Cake,
ROTTERDAM.

G. H. VOORHOEVE,
 IMPORTER OF
FLOUR, FEED, LINSEED CAKE, &C.,
ROTTERDAM.

GEBROEDERS VAN STOLK,
 IMPORTERS OF
GRAIN, FLOUR, LINSEED, LINSEED
CAKES, COTTONSEED MEAL, &C.
ROTTERDAM.

G. L. STUYCK,
 IMPORTER OF
FLOUR, GRAIN, FEED AND OIL CAKES,
ANTWERP, BELGIUM.

MATHIEU LUCHSINGER,
 IMPORTER OF
FLOUR AND GRAIN
AMSTERDAM.

VANDER ZEE & GRIPPELING,
 IMPORTERS OF
GRAIN AND FLOUR,
AMSTERDAM.

H. F. OSIECK,
 (ESTABLISHED 1854)
FLOUR AND GRAIN IMPORTER,
AMSTERDAM.
 Cable Address: "Osieck," Amsterdam.

P. A. BUNTEN,
 IMPORTER OF
GRAIN, SEEDS AND OIL CAKES,
AMSTERDAM.
 Cable Address: "Buntten."

D. SCHUMACHER,
 IMPORTER OF
GRAIN, SEEDS, OILCAKES AND
COTTONSEED MEAL,
 On Commission or for Own Account,
AMSTERDAM.
 Cable Address: "Mercurius."

YES! IF YOU ARE LOOKING
 FOR
EXPORT & TRADE,
WRITE The Modern
 Miller. 

The sixteenth annual statement of the company makes the following showing:

RECEIPTS.

Cash on hand Dec. 31, 1897.....	\$ 18,812 84
From assessments	19,183 89
From premiums	17,038 26
From interest	417 60
Loans paid	3,500 00
Total	\$ 58,952 59

DISBURSED.

Losses paid in 1898	\$ 31,035 39
Paid expenses	7,232 64
Paid reserved fund, returned....	1,464 18
	\$ 39,732 16
Cash on hand Dec. 31, 1897.....	19,220 43
	\$ 58,952 59

ASSETS.

Premium notes in force	\$271,574 93
Reserve fund	27,157 49
Assessments and premiums in	
course of collection	2,408 63
Furniture and fixtures	437 25
	\$301,003 37

LIABILITIES.

Losses resisted	\$ 5,000 00
Adjusted, not due	2,781 46
	\$ 7,781 46

Surplus over all liabilities.....\$293,706 84

ACTION TAKEN BY DIRECTORS ON THE DEATH OF ROBERT ATKINSON, SR.

The following notice was issued by the directors of the company on the death of the late secretary of the company:

Office of the Kansas
 Millers' Mutual Fire
 Insurance Co.,
 Ottawa, Kan., Feb. 3, 1899.

"It is with profound sorrow that the Directors of the Kansas Millers' Mutual Fire Insurance Company take note of the death of its Secretary, Robert Atkinson, who, from the inception of this company filled the office with distinction and honor to himself and to the many members thereof.

"The members of the directory recognize the great ability possessed by the deceased and the fair and honorable manner in which he conducted the business affairs of the company, and as a Christian gentleman, we shall always recognize him as a model for our members.

"Not only do we recognize the sterling value of the work of the deceased in the behalf of this company, but also in relation to other public matters and affairs with which he happened to be connected, always doing that which was right, just and honorable.

"In the loss of our Secretary, we recognize a vacancy difficult to fill and in

deep sorrow we offer these minutes for our record as a slight tribute to the memory of one we respected highly and extend to the members of his family our heartfelt sympathy and direct that a copy of these minutes be furnished them."

To fill the vacancy by the death of Mr. Atkinson, we have elected as secretary his son, Mr. Robt. Atkinson, who has been our assistant secretary for several years and we bespeak for him the support and co-operation of all our members.

Respectfully yours,

Geo. L. Brinkman, President.	
H. D. Crane, Vice-President.	
J. D. Bowersock, Treasurer.	
Thomas Page,	J. M. Hadley,
C. H. E. Stipp,	Geo. H. Hunter,
Wm. Pollock,	David Guthrie,
W. H. Kelly,	W. H. Waggoner,
B. Warkentin,	O. A. Cooper,
	L. M. Miller,
	Directors.

BOSTON.

BOSTON, MASS., Feb. 10.—(By telegraph from J. Walter Sanborn & Co., millers' agents and flour, grain, hay and produce merchants.)—It has been difficult to get the advanced prices ex-

LEADING MILLS OF KANSAS.



THE WINFIELD ROLLER MILLS,

J. P. BADEN, Prop.
WINFIELD, KAN.

We make a strictly pure, high grade, unadulterated Flour from the best selected Kansas Wheat. YOUR TRADE SOLICITED.

Goodlander Milling Co.,

Manufacturers

HIGH GRADE KANSAS FLOUR.

CORRESPONDENCE SOLICITED.

FORT SCOTT, KANS.

"Goodlander Flour makes the Best Bread."

Stafford Milling & Elevator Co.,

STAFFORD, KANSAS, U. S. A.

Finest Kansas Hard Wheat Flours.

FOREIGN AND DOMESTIC
CORRESPONDENCE SOLICITED AND
SAMPLES SUBMITTED.

Capacity 400 barrels.



Halstead Milling & Elevator Co.,

HALSTEAD, KAN., U. S. A.

KANSAS HARD WHEAT FLOUR.

Daily Capacity 400 barrels. Correspondence solicited and samples submitted.

B. WARKENTIN, - - MANAGER.
Cable Address, "Warkentin."

The Crosby Roller Milling Co.,

MANUFACTURERS OF

Kansas Hard Wheat Flours.

Export and Domestic Trade Solicited.

TOPEKA, KAS., U. S. A.

Rea-Patterson Milling Co.,

MANUFACTURERS OF

PURE WINTER WHEAT FLOUR.

Correspondence Solicited and Samples Submitted.

Daily Capacity, 800 Barrels.

COFFEYVILLE, KAN.,
U. S. A.

Correspond With . . .

LARKIN SONS,

PROPRIETORS OF THE

ELLSWORTH ROLLER MILLS,

ELLSWORTH, KANS.

EXPORT.

HARD WINTER WHEAT FLOUR.

DOMESTIC.

ESTABLISHED IN 1879.

INTER-OCEAN MILLS,

WILLIS NORTON & CO.,

Pure Kansas Hard Wheat Flour.

Correspondence solicited from foreign and domestic buyers.

TOPEKA, KANSAS.

The Kelley & Lysle Milling Co.,

MANUFACTURERS OF

HIGH GRADE . . . WINTER WHEAT FLOUR,

LEAVENWORTH, KANS.

NEWTON MILLING & ELEVATOR CO.,

MANUFACTURERS

OF . . . KANSAS Hard Wheat Flour

Capacity, 600 barrels daily. Cable address, "Warkentin." Domestic and Foreign correspondence solicited. Samples submitted. B. Warkentin, Manager. NEWTON KAN., U. S. A.

Mill Entirely New.

Capacity, 700 Bbls.

MID-CONTINENT MILLS.

THOS. PAGE, PROPRIETOR.

NO. TOPEKA, KAN.

Soft Wheat Brands, Hard Wheat Brands,
BIG FOUR. CLIMAX.
GOLDEN ROD. BUTTERFLY.
PRAIRIE FLOWER. GOLDEN LINES.

Arkansas City Milling Co.,

KANSAS FLOUR.

For domestic and foreign trade.
Daily capacity, 1,000 bbls.
Correspondence invited.

ARKANSAS CITY, KANSAS.

CAPACITY 800 BBLs.

Bowersock Milling Company,

DOUGLAS COUNTY MILLS.

WINTER WHEAT FLOUR.

PACIFIC MILLS
WHOLE WHEAT FLOUR,
RYE FLOUR & CORN MEAL
800 BBLs.

Water Power to Lease.

LAWRENCE, KANS.

TO

KANSAS CITY

There are no night
trains like the
Burlington's

8:45 p. m. limited.

Wide vestibuled
Pintsch lighted
throughout, with
free chair cars,
compartment and
standard sleepers.



NEW PRAGUE FLOURING MILL CO.,

NEW PRAGUE, MINN.

MANUFACTURERS OF THE CELEBRATED

SEAL OF MINNESOTA

A high grade, strong, well milled spring
wheat flour.

Mills at New Prague and Blue Earth City Minn. MAIN OFFICE
NEW PRAGUE, MINN.
Capacity, 1200 barrels daily.

We invite correspondence from any territory



Are You In Line For **DOMESTIC**
Write The Modern Miller. **Business?** **OR**
FOREIGN

pected by millers, the trade having no confidence in any advance at present. All grades are dull, spring bakers particularly. Quotations: Spring patents, \$4@4.40; bakers, \$3@3.30, fair lots on the spot being offered for less; patents, \$3.85@4.17½; straights, \$3.60@3.80; clears, \$3.40@3.60.

NEW YORK AND THE EASTERN STATES.

NEW YORK, February 10.—(By telegraph.)—The local flour market during the past week has presented the same dull condition of trade which prevailed the previous week, and the amount of business transacted has been, on the whole, small and of little significance. Buyers are still fairly well stocked with flour purchased some time ago, and in view of the changing conditions of the wheat market are holding off to await developments. Prices, as a rule, have been fairly steady on an asking basis, and millers' limits were held at figures which did not admit of an active trade. Trading during the week has been comprised almost entirely of sales of small lots of different brands to local jobbers and an occasional order of some special brand. Spring wheat patents were selling in a small way and prices were quoted at \$3.70@4, in wood. Bakers were steady at \$3@3.15. Winter wheat straights have been firmly held at \$3.40@3.55 on the steadiness in the Western markets, but the demand has been very limited. Low grade flours have been dull and neglected. Export orders continue very scarce, and during the week there has been but little doing either for Europe or the West Indies. Rye flour was quiet, and although there was not a great deal of flour being offered, the demand was small and prices were only about steady, \$3.25@3.60. The wind-up shows no tone to market, except as wheat values changed. Thursday was a little active, sales amounting to 10,000 barrels.

CHICAGO AND CENTRAL STATES.

CHICAGO, February 10.—(By telegraph from Montague & Co.)—The weak condition of the wheat market has prevented any business in flour during the past week. The home trade would not buy and there have been no acceptable bids for export. Winter patents, \$3.70@3.80; straights, \$3.40@3.60; hard spring patents, \$3.60@3.70, wood; \$2.40@2.60 in sacks. Millfeed firm, bran, \$12.50 bulk.

MINNEAPOLIS AND THE NORTHWEST.

MINNEAPOLIS, MINN., February 10.—(By telegraph.)—The market is very dull, the continued declines in wheat prices has had a very bad effect on the demand for flour, buyers waiting until market turns, although some millers reported fair sales made yesterday. Foreign buyers are considerably under the market. An advance in wheat would help the flour market considerably. First patents, \$3.55@3.65; second patents, \$3.35@3.45; first clears, \$2.75@2.85; red dog, per ton, \$13@13.50.

NASHVILLE AND SOUTHEAST.

NASHVILLE, TENN., Feb. 10.—There is not much of interest in the flour market this week beyond the fact that there is very little new business coming in on account of the unsettled conditions of wheat. The last break in wheat forced millers to make another reduction in prices of flour and this week quotations are: Patent, \$3.90@4; straight, \$3.60@3.70; extra fancy, \$3.30@3.40; fancy, \$3.20@3.30; choice, \$2.60@2.70.

Wheat receipts are light and there has been this week very little movement. There is, however, some more disposition on the part of holders to sell than there was ten days ago, but the weather has been so severe that it was next to impossible to move it from farms to shipping points. Much of the wheat used by the mills is being brought from Kentucky and the Ohio River country. It is hardly possible to give exact quotations of wheat, but car wheat brings from 76c to 80c, according to the need of mills.

Sales to arrive this week have been light, but dealers expect, with good weather a more active movement.

The growing crop before the present snow and freeze was not looking exceptionally well, but it is thought it will improve after the weather breaks.

There is a good demand for all corn goods. Bolted meal is quoted at 86c for 100-pound sacks and pearl at 96c. Corn receipts are not heavy, but equal the demand of the mills. Corn is quoted at 40c for good white milling and 36@38c for Tennessee corn.

T. C. Shares will build a roller mill at Jamesville, N. C.

Hall & Staley, of Marion, Va., will remodel their mill before the coming harvest.

Copp & Rockels, of Bradford, Tenn., will improve their mill by adding new machinery.

Stone & Son, of Abingdon, Va., contemplate adopting the sifter system for their mill.

The Farmers' Exchange, of Romaney, W. Va., has decided to build a new roller mill.

Wm. Osteen, of Hardison Mills, Tenn., and R. M. Sigler, of Morganfield, Ky., will erect a new mill at Morganfield.

The Model Mills, Nashville, report: Business has been not at all satisfactory this week. We are selling some flour, but nothing like the quantity we should be selling at this season of the year. Southern buyers refuse to take hold in view of the unsettled wheat conditions. We are running, but most of our output goes to fill previous orders. We have done no foreign business this week, but hope to make connections on this line as soon as the market settles. Bran is in good demand at \$12 per ton. The recent cold snap has increased the demand for feedstuffs of all kind.

The Liberty Mills, Nashville, report: We have done this week practically no business on new orders. We are still running our mill, filling orders made on the recent advance. Buyers simply refuse to take hold in view of the break in the market. The indications are not at all flattering and we do not look for a revival until wheat reacts, and it is a question whether it will ever do this. We have not reduced flour materially, but are trying to maintain our former prices. Receipts of wheat are light, as are also corn, but still the corn receipts are ample for the demand. Bran is rather more active this week on account of the severity of the weather.

The Cumberland Mills, Nashville, report: We have had a fair business this week and are selling our output right along without any accumulation. We have less flour on hand to-day than we had ten days ago and are turning out on an average of 1,000 barrels per day. Trade is not as brisk as it was two weeks ago, or before the break in the wheat market. We are doing some little foreign business, but foreign buyers are a good ways off on prices. We turned down some offers at 20c less than our price. Corn goods are in pretty good demand and we are booking some orders. All in all we are doing a pretty fair trade, but would like to see the market exhibit a bit more snap.

In talking to a miller to-day as to

the general outlook for trade, he said: "I am a bear from bearsville and I do not take much stock in the bright views of some of my brothers. With the government report showing last year's crop estimate to be 675,000,000 bushels and wheat in the Argentine to export, I cannot for the life of me see how prices can go higher here. I know the speculative spirit is against me and this may possibly change the whole situation. Money is cheap and the speculative fever has seized everybody and men of this town may take hold of wheat and boost it up, but I do contend that the present situation does not warrant higher prices. The government reports show that there have been sown this year 4,000,000 more acres than last year; this means at the lowest estimate, with favorable weather, 60,000,000 more bushels to be added to last year's estimate, and if this don't mean low prices then I am no prophet. High prices have induced farmers to not only increase their acreage, but to put in their wheat with more care and this ought to insure an average yield. Speculators know these facts and they watch them on selfish business principles and they know, too, how to use them, so in the light of present figures I must say that I do not look for any legitimate advance in wheat and therefore cast my lot on the side of the bears."

G. T. HALLEY.

MEMPHIS.

MEMPHIS, TENN., Feb. 10.—(By telegraph from E. C. Buchanan & Co., flour, grain and feedstuff merchants.)—The market on flour this week has been somewhat irregular with an improvement of 5c to 10c per barrel in the price. Choice patents, \$3.65 to \$3.80; bakers, \$3.25 to \$3.40, and outside prices are for well-established brands. Some mills are asking a shade higher prices. Mixed corn, 37½; white corn, 38½. There has been no river corn received this week. White oats, 31½c to 32c; mixed oats, 30½c to 31. The tone of the market is firm. Corn meal, \$1.75; bran, \$12.75 to \$13. Some sales of bran made today at \$13. Stocks—Flour, 34,000 barrels; corn, 35,000 bushels; oats, 100,000 bushels. The weather has been unusually severe during the week, and there is only a light order business doing from the country, while the city business has been restricted for the same cause.

ATLANTA.

ATLANTA, GA., Feb. 10.—(By telegraph from Geo. W. Brooke, flour, grain and feedstuff merchant.)—Quotations are: Winter wheat patent, \$4; extra fancy, \$3.70; spring wheat patent, \$4.10; white corn, 48c. Demand fair.

SAVANNAH.

SAVANNAH, GA., Feb. 10.—(By telegraph from M. Ferst's Sons & Co., flour, grain and feedstuff merchants.)—Flour trade this week has been fair, with fair demand. Ruling prices are: Winter wheat patents, \$4.15; fancy, \$4; straights, \$3.75; spring wheat patents, \$4.50; bakers, \$4; low grade, \$3.50.

CHARLESTON.

CHARLESTON, S. C., Feb. 10.—(By telegraph from F. W. Wagener & Co., flour, grain and feedstuff merchants.)—Flour is in fair demand this week. Quote: Tennessee patents, \$4; straight, \$3.60; spring wheat patents, \$4.20; bakers' patent, \$4.20.

ROME.

ROME, GA., Feb. 10.—(By telegraph from H. D. Cothran & Co., flour, grain and feedstuff merchants.)—The flour market is fair this week, with a fair demand. Winter wheat patent, \$4.22; straight, \$3.80; white corn sacked, 40c.

NEW ORLEANS.

NEW ORLEANS, LA., Feb. 10.—(By telegraph from J. Hy. Lafaye & Sons, flour, grain and feedstuff merchants.)—We quote: Soft winter extra fancy, \$3.45@3.55; patents, \$3.80@3.90; Kansas straights, \$3.35@3.45; patents, \$3.75@3.85; meal, \$1.90; grits, \$2.10. Demand fair.

SAN FRANCISCO.

SAN FRANCISCO, CAL., Feb. 10.—(By telegraph.)—Flour receipts for the week amounted to 26,000 barrels. Exports of flour: China, 7,000 barrels; Honolulu, 5,000 barrels. Flour market, \$4. Exports of wheat: Cork, 330,000 bushels. Market, 67½c.

LONDON.

LONDON, Feb. 10.—(By cable.)—Market continues quiet. Winter wheat

patent, \$3.70; fancy, \$3.35; Kansas patent, \$3.80; spring wheat patent, \$4.

LIVERPOOL.

LIVERPOOL, Feb. 10.—(By cable.)—Sales slow; market quiet. Winter wheat patent, \$3.95; extra fancy, \$3.65; Kansas patent, \$3.70; spring wheat patent, \$3.95.

QUINCY.

QUINCY, ILL., Feb. 10.—Zero weather with a slight covering of snow on the ground is the local weather report. During the past week wheat receipts from farmers have been much heavier, with prices unchanged. The millers are paying 70c for No. 2 red winter, 63@65c for No. 3 red, 52@53c for No. 4. Corn, 30@33c; rye, 45c. The flour market has been held strong by local millers, with prices steady at the following range: High patent, \$4 per barrel; straight patent, \$3.80; hard wheat flour, \$3.60; retail prices 20c per barrel higher. Cornmeal, loose, is selling at \$1, sacked; \$1.10 per hundred. Shipstuff, \$14, and bran \$12 per ton.

Mr. James L. Taylor, assistant manager for Taylor Bros. Milling Co., Quincy, Ill., spent several days last week in St. Louis.

Taylor Bros. Milling Co. report export and Southern offers out of line to such an extent as to make it undesirable to accept business from these markets.

Mr. John Waverling, of the firm of Knollenberg & Waverling, Quincy, Ill., has entirely recovered from the effects of a very severe fall, which happened some weeks ago.

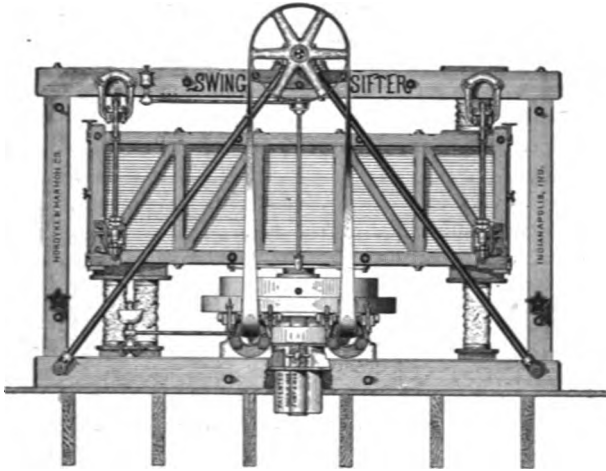
Mr. Frank Dick, bookkeeper, and Mr. Robert Hannah, head miller of the Tellico mills, of Quincy, Ill., left several weeks ago to spend a month at Hot Springs, Ark.

Pindell Bros. of the Magnolia mills, Hannibal, Mo., are jogging along at a very reliable gait, producing, as we all know, a high grade, and of course are happy as larks.

Mr. Joseph T. Hall, at one time chief engineer at Taylor Bros.' big mill, will leave Quincy in a few days for San Francisco, Cal., to superintend the erection of several large elevators.

Mr. Michael Weltin, proprietor of the Farmers' mills, reports his business as being fair in regard to prices. He is receiving enough local wheat to

THE SWING SIFTER



Does the work of four to ten Reels.
Dispenses with several elevators
and conveyors.

Economizes in connections.

Economizes in power.

STRONG, DURABLE,

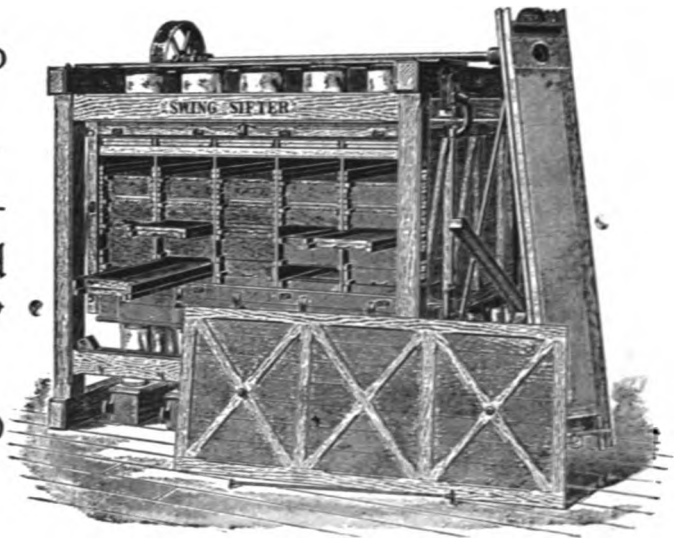
SERVICEABLE, PRACTICAL

EFFICIENT, SIMPLE.

It Meets the Requirements to
the letter.

Does not require changes, re-
construction, excuses and
persuasion to make it "stick."

It "sticks" WHEN STARTED
and "sticks" FOR GOOD.



YOU WILL SEARCH IN VAIN FOR A MACHINE ITS EQUAL



SEND FOR DESCRIPTIVE CIRCULAR.

— NORDYKE & MARMON CO., —

FLOURING MILL ENGINEERS, IRON
FOUNDERS AND MACHINISTS,

— INDIANAPOLIS, IND. —

LEADING MILLS OF ILLINOIS.

SPARKS MILLING CO.,

ALTON, ILL., U.S.A.

—W. D. SPARKS, in Charge of Havana, Cuba, Office.—

OUR FACILITIES for handling the Cuban trade are complete. Write for prices to our home office or to our branch in Havana, Cuba.

H. E. HALLIDAY, President.

W. S. GORE, Manager.

H. L. HALLIDAY MILLING CO.,

MANUFACTURERS OF

GUARANTEED PURE WINTER WHEAT FLOUR.

CAIRO, ILL.

Capacity, 800 barrels daily. Also dealers in Grain.
Our Leading Brands are { SYLPH, Patent.
CLEOPATRA, Extra Fancy.

Correspondence Solicited.
Our grain receiving and storage facilities and shipping advantages are unsurpassed.

Columbia Star Milling Co.,

MANUFACTURERS OF THE CELEBRATED

COLUMBIA STAR BRANDS "Belle of Monroe," "Pride of Columbia."

SUCCESSORS TO HENRY HUGH.

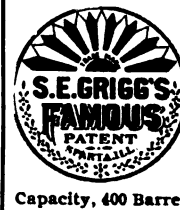
Foreign and Domestic Correspondence Solicited.

CAPACITY, 500 BARRELS.

COLUMBIA, ILL.

Established 1861. Capacity, 600 Bbls. Daily.
REICHERT MILLING CO.,
Manufacturers of
Pure Soft Winter Wheat Flour.
PLANSIFTER SYSTEM.
...FREEBURG, ILL., U. S. A...

DEAN MILL CO.,
AVA, ILL.
Highest Quality Winter Wheat.. **FLOUR.**



Eagle Milling Co.,
SPARTA, ILL.
MANUFACTURERS OF...
High Grade Flour
FROM
Best Winter Wheat.
Capacity, 400 Barrels.

1875-1898. CAPACITY, 600 BBLs.
SCHULTZ, BAUMAN & CO.,
BEARDSTOWN, ILL.
PURE SOFT WINTER WHEAT **FLOUR**
for Domestic and Foreign Trade.

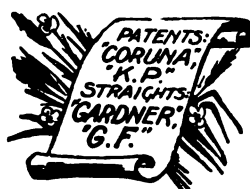
EGYPT MILLING CO.
ESTABL. **ASHLEY ILL.** 1866.
MANUFACTURERS OF
PURE WINTER WHEAT FLOUR

WATERLOO MILLING CO.,
WATERLOO, ILL.
Manufacturers of...
Winter Wheat Flours,
"MONARCH" and "CALUMET."



JOHN HUEGELY, JR. THEO. L. REUTER.
JULIUS HUEGELY.
Huegely Milling Co.,
Nashville, Illinois.
Manufacturers of High Grade Winter Wheat Flour.
Huegely's Best, Washington, Huegely's Eagle, Lily or Egypt.

PINCKNEYVILLE MILLING CO.,
—MANUFACTURERS OF—
Fine Winter Wheat Flour
PINCKNEYVILLE, ILL., U. S. A.
Capacity, 500 Barrels.



MAGNOLIA MILLS,
WATERLOO, ILL.
T. KOENIGSMARK, Proprietor.
Capacity, 400 Barrels.

H. C. Cole Milling Co., Chester, Illinois.
Manufacturers of Pure and Uniform **RED WINTER WHEAT FLOURS**
Capacity, 700 Bbls.
BRANDS:—"Omega," "Theta," "Cole's Mills," "PPFG," "Comfort," "Dianara."

SOUTHERN ILLINOIS MILLING CO.

Capacity, 500 Barrels.

--- MANUFACTURERS OF ---
PURE RED WINTER WHEAT FLOUR.
Does a foreign and domestic business. Does not employ brokers.

MURPHYSBORO, ILL., U. S. A.

HEZEL MILLING CO.,
FINEST WINTER WHEAT FLOURS.
E. St. Louis, Ills.
Capacity, 800 barrels.
Commenced business 1860.

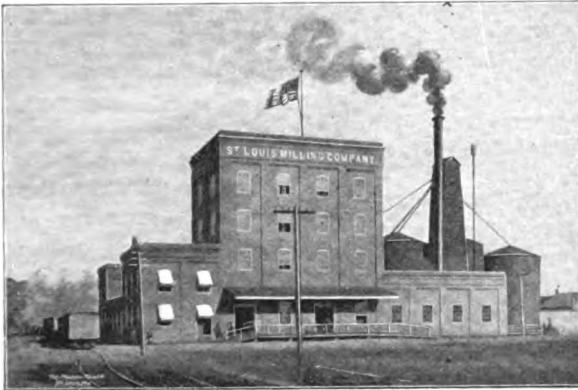


LEADING MILLS OF ILLINOIS.—CONTINUED.

ESTABLISHED 1856.

ST. LOUIS MILLING CO.,

CARLINVILLE, ILL., U. S. A.



FINE WINTER WHEAT FLOUR.

Registered Brands

ANITA,
WHITE SILK,
PRINCESS ANNE,
PURITY.

FINEST HARD WHEAT PATENT

Searchlight.

We also Manufacture HIGH GRADE CORN
.... GOODS of All Kinds.

ESSMUELLER-HEYDE MILL FURNISHING CO.,

MILL BUILDERS AND MACHINISTS.

Corrugating and Grinding Rolls a Specialty. Bolting Cloths
Made Up On Short Notice.

605 S. SIXTH STREET, ST. LOUIS, MO.

WRITE US.

MAKE
your wants known
through
THE MODERN MILLER,
ST. LOUIS.

H. W. Beck, John Quinlivan, Charles G. Simon, Fred Delbel and Henry Tietgens.

A meeting of the stock and bond holders of the Farmers' Elevator Co. was held Tuesday. Plans were discussed for winding up the affairs of the elevator company, but each one had a different idea to suggest and nothing definite was done. The company is capitalized at \$350,000 and has a bonded indebtedness of \$300,000, besides a floating indebtedness of \$65,000. It is said that an elevator equally as good as the Farmers' can be erected for \$250,000, and as there is stagnation in the elevator business now, with no promise of improvement, it is possible that a receiver will be appointed in the near future.

An arbitration committee at the Merchants' Exchange decided a novel point in a dispute in regard to a grain trade and established a precedent which will be of interest to every grain dealer in the country. It will also prevent similar misunderstandings in the future. The point at issue was whether in a trade where a shipper in the country or at some outside

point agrees to deliver at St. Louis grain of a certain grade "or better" can purchase the lowest grade mentioned in St. Louis and deliver it on his contract. It was decided that he could not. The case grew out of a transaction made last November, when Block, Dean & Co. purchased from Gregg Bros. of St. Joseph, Mo., 3,700 bushels of corn to grade No. 3 or better and which was to be shipped in November or December. Prices advanced after the contract was made and in December Gregg Bros., through their brokers in St. Louis, attempted to purchase No. 3 corn in this market to deliver to Block, Dean & Co. The latter firm refused to accept No. 3 corn, declaring that it did not fulfill the terms of the contract. Gregg Bros. maintained that they had complied with their contract in tendering No. 3 corn and a lawsuit was threatened. W. T. Anderson of Block, Dean & Co., however, suggested that the matter be settled by arbitration, and this was agreed to. Gregg Bros. selected J. L. Wright and Block, Dean & Co. chose Robert Adams as their arbitrator, and these two agreed upon C.

M. Bunton as the third man. An agreement was signed by both parties to abide by the decision of the arbitrators, and the arbitration committee met Thursday on 'Change to decide the question.

A meeting was held Thursday in the directors' room of the Merchants' Exchange between Messrs. Joseph Flory, T. J. Hennessy and William E. McCully, Railroad and Warehouse Commissioners of the State of Missouri, J. C. A. Hiller, Chief Grain Inspector, the Grain Committee of the Merchants' Exchange and other parties interested in the grain trade, especially in wheat. T. R. Ballard, chairman of the Grain Committee, occupied the chair, and explained that the purpose of the meeting was to discuss the advisability or desirability of making any changes in the grades of wheat now existing. The Commissioners stated that Kansas City had made a request asking for a change in the grading of No. 2 hard wheat—either that the test weight be abolished entirely or that it be reduced from 50 to 58 pounds to the bushel. Chairman Ballard then called upon the various parties present to express their views.

W. L. Green made a speech against the proposed change, in which he presented a number of arguments from an exporter's standpoint. He explained that exporters paid on a basis of 59 pounds to the bushel and if a lower standard were adopted it would simply mean that the wheat would bring that much less money. Frank Goodenough followed in a speech, in which he explained that Kansas City was losing prestige as a market because of the improved facilities for marketing grain at Galveston and other Gulf ports, and not because of the weight restriction in the grading of wheat. President W. P. Bennett, of the Merchants' Exchange, then spoke in opposition to the rule, and said that if any change was made the standard should be raised instead of lowered. Alex. H. Smith spoke from a miller's standpoint, and said that the millers were in favor of having a uniform grade throughout the State, but they would insist upon a weight test. Chief Inspector J. C. A. Hiller explained his position fully, and said that the change was suggested because of the unanimous feeling at Kansas City that the weight test for No. 2 wheat should be reduced to 58 pounds at the point to conform to the 58-pound rule in force in the State of Kansas. Warehouse Commissioners Hennessy and Flory also spoke upon the question, and were followed by Henry S. Potter, president of the Consolidated Elevator Company; Ed Young and Tom Teasdale, all of whom were opposed to the proposed change. After a full conference, it was voted to request the Commissioners to make no change in the grading of No. 2 hard wheat, either as to quality or test weight. The opinion was also expressed that it was desirable that the same grading should apply to all parts of the State where State inspection exists.

SAN FRANCISCO.

San Francisco, Cal., Jan. 27.—(By telegraph.)—Flour receipts for the week amounted to 34,000 barrels. Exports of flour: East Indies, 2,000 barrels; China, 8,000 barrels; Central America, 6,000 barrels; Honolulu, 2,000 barrels. Flour market, \$4.15. Exports of wheat: Cork, 125,000 bushels Market, 60c.

MINNEAPOLIS AND THE NORTHWEST.

Minneapolis, Minn., Jan. 27.—(By telegraph.)—The first part of the week

the flour trade was very dull. Foreigners were bidders, but about a shilling under what millers wanted. The latter part of the week has witnessed a decided improvement owing to advance in wheat, and large sales have been made, some of the larger concerns selling considerable over the week's production. The week closes with market very firm. First patents, \$3.30@3.40; seconds, \$3.70@3.80; first clears, \$3@3.10; red dog per ton, \$12.50 @18.

CHICAGO AND CENTRAL STATES.

Chicago, Jan. 27.—(By telegraph from Montague & Co.)—There was very little if any improvement to note in the flour market the past week, notwithstanding the strong and advancing wheat market. Transactions were in the main on the hand to mouth order, with foreigners as well as local jobbers still indifferent and no disposition to purchase with any freedom. Rye flour was quiet but very firm. Patents, \$3.60@3.70; straights, \$3.10@3.20; millstuffs, only a light demand existed and the market was quiet; middlings sold at \$11 and shorts at \$10.50.

KANSAS CITY AND THE SOUTHWEST.

Kansas City, Mo., Jan. 27.—(By telegraph.)—There was a firmer market for flour this week and a better demand. Some export inquiry is noticeable and many jobbers who have been holding aloof are now getting a little anxious, owing to the advance in wheat and are trying to stock up, but are finding difficulty in getting their wants supplied. Prices are about as follows: Soft wheat per barrel patents, \$3.65@3.70; straights, \$3.40@3.45; extra fancy, \$3.05@3.10; low grades, \$1.45@1.55. Hard wheat patents, \$3.25 @3.35; straights, \$3.30@3.40; bakers, \$2.25@2.35; low grades, \$1.45@1.65; city mill brands, 30@50c per barrel higher. Corn meal very firm, but trade light; bulk, 68@69c; corn chop firmly held at 63@64c sacked. Bran has been dragging lately, but is now giving evidences of activity, sacked, 56½@57c per cwt. Millet, German, \$1 @1.20 per 100.

The Blair mill, Atchison, Kan., started up a few days ago, after having closed down for a short period for putting in a new engine.

Mr. Charles Larkin, of the mill of Larkin Sons, Ellsworth, contemplates a trip to the West Indies on business connected with their mill.

The Stafford Milling and Elevator Co., Stafford, Kan., started up its new mill last week, and from reports, has a large number of orders ahead.

A new mill will shortly be located at Sweet Water, Neb. It will be constructed by Nordyke & Marmon Co., and is for the Sweet Water Mill Co.

Douglas M. Cain, of the Cain Mill Co., Atchison, Kan., was in the city this week and reports poor inquiry for flour during the month of January.

E. J. Eisenmayer, of Sedalia, Mo., was in the city this week. Mr. Eisenmayer runs down to Kansas City quite frequently to buy wheat for their mill.

The Oak Grove Mill Co., at Oak Grove, Mo., at an early date will remodel their mill. The local and custom trade at this point is increasing every year.

Mr. B. Warkentine, of the Newton Milling & Elevator Co., Newton, Kan., was in the city this week, and reports a very good business, and plenty of orders ahead.

J. H. McNair, manager of the Halstead Milling & Elevator Co., Halstead, Kan., was in the city this week. Mr. McNair reports a good trade for the past six months.

The Papillion Mill Co., Papillion, Neb., has awarded contract to Nordyke & Marmon Co., for remodeling their mill. The capacity of the new mill will be 75 barrels.

J. M. Rush, of the Rush Mill Co., Leavenworth, Kan., has been confined to his home for some time, on account of a very severe bruise, resulting in a very sore arm and hand.

J. T. Walker, of Mulberry Grove, Kan., died this week. Mr. Walker was one of the old millers of Kansas. He was only sick about a week, having received a stroke of paralysis.

R. L. Patterson, miller at Smithville, Mo., was in the city this week, looking after wheat. He reports a splendid local trade. Mr. Patterson is a frequent visitor to Kansas City.

It is rumored that a very fine mill is in contemplation for Atchison, Kan. It is very hard, at present, to locate the parties interested, but it will be a 1,000-barrel mill, it is said, if it is erected.

The Poplar Bluffs Mill and Electric Light Co. was incorporated and contract let for their plant this week. The mill will be a 125-barrel mill, built by the Barnard & Leas Manufacturing Co.

The situation on bran is very firm. It is almost impossible to buy any bran

What the Flour Dealer Thinks of It!

The following is a copy of a letter from Messrs. Arndt, Thompson & Co. to their customers:

—OFFICE OF—
ARNDT, THOMPSON & CO.,
SHIPPERS OF
FLOUR AND MILLFEED,
511 CHAMBER OF COMMERCE,
BOSTON, MASS.

January 10th, 1899.

GENTLEMEN:

Modern Mill Building has demonstrated that progress had not reached its limit in the construction of Flouring Mills. The completion of THE ISAAC HARTER CO.'S NEW MILL, at FOSTORIA, OHIO, has been watched with much interest by those who have known that another era in the march of improvement was about to be ushered in. Results have fully sustained the anticipations of the most sanguine, and their 2000 barrel mill to-day marks the high tide of mill construction, embodying, as it does, novel and radical departures from methods usually followed. The advantages gained are not only in the line of economy; cheapening the cost of manufacture, but in the quality of their output as well, both of which are of interest to buyers and consumers.

We are New England agents for this mill and take pleasure in offering their goods with the assurance that there is nothing better in the market. We shall be pleased to submit samples and name close prices on application.

Yours truly,

(Signed) ARNDT, THOMPSON & CO.

Dic. E. W. A.

THE HARTER MILL (2000 Bbbs. Capacity) WAS BUILT BY



ON THE UNIVERSAL BOLTER SYSTEM.

Marissa, Ill., was a visitor on 'Change Monday.

W. J. Baker, of the St. Louis Milling Co., Carlinville, Ill., was in St. Louis several days this week.

John Fraser, of the Edward P. Allis Company, Milwaukee, Wis., spent several days in St. Louis this week.

The Markland Flour Mill, near Vevay, Ind., was completely destroyed by an explosion last Saturday morning.

G. W. T. Selfert, of Duquoin, Ill., and E. Schurmann, of Germantown, Ill., were among Tuesday's visitors in St. Louis.

Shippers report numerous inquiries for wheat, but the bids received were under the market as a rule; still a fair business was done.

The Merchants' Exchange, in common with all of the Boards of Trade in the country, will close next Monday in commemoration of the birthday of Abraham Lincoln.

The annual report of the Merchants' Exchange is nearing completion and Secretary Morgan has added several new features of interest.

John E. Mitchell returned this week from a Southern trip and reports difficulty in supplying Mitchell scrolls as fast as they are demanded by millers.

H. L. Verink, manager of the R. C. Stone Milling Co.'s plants at Springfield, Republic and Exeter, Mo.; E. J. Eisenmayer, Sedalia, Mo., and E. F. Schoening, Columbia, Ill., were among the out-of-town millers on 'Change Wednesday.

It is broadly hinted that Mr. William J. Kerr, the popular New Orleans flour dealer, is about to take unto himself a wife, who is one of the belles of New Orleans. He has many friends among the readers of the Modern Miller who will join us in extending congratulations.

Secretary Morgan, of the Merchants' Exchange, has received about fifty copies of Special Commissioner Robert P. Porter's official report on the commercial and industrial condition of Cuba. It is a pamphlet of fifty-four pages and contains much information of interest to members of the exchange.

L. S. Meeker, of the Harmon-Whitmore Co., Jackson, Mich., spent several days in St. Louis this week. Mr. Meeker is now in charge of the sales department of this company and will hereafter make his headquarters in Jackson from which city he will super-

vise the business of his good concern in the different sections.

Any number of crop damage reports came in this week. In some places the plant was said to be beyond recovery and in other sections, where the plant had a snow covering, it was said it came too late to assure a full crop. The local crowd did not take kindly to the reports; this was because of the large yield of wheat in previous years when weather conditions were the same as now. The near approach of two holidays besides, scared bull traders off.

J. L. Grigg, secretary of the Eagle Milling Co., Sparta, Ill., writes: "We see a good many people are writing to the St. Louis papers and dealers saying that many of the wheat fields are bare of snow. Will say that such is not the case in this section, as our fields are not only covered, but are well covered. And, while the thermometer registered 20 degrees below zero here Thursday morning, the wheat is as safe as it can be. The condition of the growing crop at present, we are satisfied, is much improved over what it was a month ago, or at any time since it was planted. Our business has been about 20 below zero on account of the short wheat crop; we are not getting enough here to supply our home trade demand for flour. This week we are not having many inquiries for flour, but from January 1 till a week ago, we sold lots of flour which we had to buy out, as we had none ourselves; although if we could have gotten the wheat, we would have had a splendid business. We have been short of wheat in this section around Sparta for the past three seasons. We hope for better crop this year, and with it, we know our business will improve."

William Cameron, president of the Cameron Mill and Elevator Co., Fort Worth, Tex., and one of the leading business men of the Lone Star State, known as the "lumber king" of the Southwest, died last Monday at Morgan City, La., of apoplexy. The mill at Fort Worth, Tex., of which he was president, was built in 1888, with a capacity of 500 barrels, and has gradually been increased since that time. During the past year the machinery from the mill at Waco, Tex., was moved to Fort Worth, making a combined capacity of about 2,000 barrels per day. Mr. Cameron was a Scotchman by birth. He started as a railroad man in the construction department and became a retail merchant.

In 1884 he became a wholesale dealer and in 1886 he established saw mills at Irion, Tex. After that his fortune grew rapidly. He was interested in roller mills, saw mills and many other enterprises in Louisiana, Arkansas and Texas. He built the town of Bowie, La., and in that State his pine and cypress interests are very large, especially at Whitecastle. He recently bought the Tyler Car and Lumber Company at Mitchell, Tex., and acquired a controlling interest in the Whitecastle, Tex., Lumber and Shingle Company. He is rated at about \$3,000,000, and it is thought here that his estate will not fall much under that valuation after being settled up. A gentleman long associated with Mr. Cameron in business has given the following list of the enterprises in which he was interested: Hibernian National Bank of New Orleans, Southern National Bank of New York, First National Bank of Waco, Abilene National Bank of Abilene, Tex., president of the Slayden-Kirksey Woolen Mills of Waco, Cameron Mill and Elevator Company of Fort Worth, saw mills and the town of Bowie, La., Cameron & Ulmer, Houston, Texas and San Luis Potosi, Mexico, Wm. Cameron & Co., lumber dealers, Waco, branch lumber concerns all over Texas, Arkansas, Louisiana and Indian Territory.

KANSAS CITY AND THE SOUTHWEST.

KANSAS CITY, MO., Feb. 10.—There is very little in the market for flour this week and although prices are holding steady there is no activity whatever. Millers are kept only moderately busy. Export trade still dormant. Values for the week are quoted as follows: Soft wheat, per barrel, patents, \$3.40@3.60; straights, \$3.20@3.40; extra fancy, \$2.80@3; low grades, \$1.40@1.50; hard wheat patents, \$3.10@3.20; straights, \$2.75@2.95; bakers, \$1.90@2.15; low grades, \$1.30@1.50. Established grades 20@50c higher than the above quotations. Corn meal values dull and weak, bulk selling at 66@67c. There is light demand for corn chop and prices relatively unchanged with sacked selling at 62@63c. Kaffir corn white, 28@30c; red, 34c.

The severe cold weather is undoubtedly doing a great deal of harm to wheat, but the damage will not be brought to light until the weather moderates. Ten or 15 degrees below zero is what the plant has had to go through this week and with the ground frozen to a depth of 2½ to 3 feet, there is certainly considerable

harm already done. It was thought the snow would serve as a protection, but the best evidence obtainable shows that the covering is very thin and in the most fertile regions thousands of acres are without protection of any kind. A curtailment of wheat receipts will result from the severe weather.

The Kansas City board of trade will not hold a session on Lincoln's birthday.

The Farmers' elevator at Jefferson City, Mo., is now completed and ready for business.

Ferd Becker, for many years known as the "barley king of the northwest," died in this city Thursday.

The firm of Temple & Marshall, Clifton, Kas., has dissolved. Mr. Temple will continue the business.

A. J. Poor Commission Co. of Kansas City, who operate a number of country stations, report a good trade for milling wheat.

E. E. Bower, representing the Case Manufacturing Co., Columbus, O., was in Kansas City this week and reports good inquiry and trade.

The Farmers' mill at St. Joseph, Mo., has been closed indefinitely. The last persons to operate this mill were Harroun Bros. of that city.

E. D. Bigelow, secretary of the Kansas City board of trade, had a severe fall to-day, which will confine him to his home for several days.

The Miller Grain Co., Kansas City, reports good inquiry from mills east of the Mississippi river. Mr. Miller is a good authority on milling wheat.

George H. Hunter of the Hunter Mill Co., Wellington, Kas., was on 'Change this week, looking after matters connected with the mill, as well as the grain business.

Chas. Larkin of Larkin Sons, millers at Ellsworth, Kas., leaves Kansas City to-night for Cuba, where he will remain for some time, building up a trade on their flour.

The Weber Gas and Gasoline Engine Co. of Kansas City will build an entirely new plant this year. Mr. Weber reports a great many inquiries from mills and elevators for engines.

An accident occurred yesterday at the Pierson mills, Lawrence, Kas., in which one of the large wheels was broken, which will necessarily cause them to close down for a short time.

C. V. Brinkman of the Walnut Creek Mill Co., Great Bend, Kas., was in Kansas City this week visiting his brother, Geo. L. Brinkman, of the Kansas City Milling Co.

The territorial legislature at Guthrie, O. T., is about to establish the position of grain inspector. The bill has already passed the House of Representatives.

It is reported that the Union Mill Co. of Wichita, Kas., contemplates erecting a flour mill in Oklahoma of 200 barrels capacity. It has not yet been decided at what point it will be built.

At Port Arthur there is a large elevator being erected at the present time, and it is hoped it will be fully completed before the export season opens up.

Last Saturday the residence of I. M. Yost of the Yost Mill Co., Hays City, Kas., was totally destroyed by fire. It was valued at \$10,000 and was reported to be the finest residence in Hays City.

Secretary E. D. Bigelow of the Kansas City board of trade has just issued his annual report, which is very complete in details, showing the volume of business handled in Kansas City for the past ten years.

It is reported that the Hutchinson & Southern railway contemplates building to Blackwell, O. T. If this is true, there will be two new mills located on that line between Hutchinson and Blackwell.

W. H. Johnson, representing Nordyke & Marmon Co., arrived in Kansas City to-day from a business trip throughout the west. He reports good inquiry for their goods, and several sales.

The Kansas City mills are all running very light for the past two weeks. It seems almost impossible to book any export orders. There are plenty of inquiries, but orders are very scarce.

J. C. Lysle of the Kelley & Lysle Milling Co., Leavenworth, Kas., was in the city this week and reports their mill running half time. He reports no export orders being booked.

The Kansas City court of appeals has ruled that the board of trade of Kansas City should give F. A. Farver a full and fair hearing before it expelled him from membership.

There is a good demand for wheat screenings in Kansas City. If the millers would pay strict attention to this, and keep them separate from their bran, they would receive more money than by grinding with bran.

There is an unusually fine lot of milling wheat being received at Kansas City the past week. It seems as though the later the wheat comes in

to the market, the more suitable it is for milling purposes.

A report to-day comes from Anthony, Kas., saying, regarding the growing wheat, that the cold weather has damaged the wheat from 25 to 50 per cent. Most of the wheat was sowed late and therefore the plants look weak.

The flour mill at Wellsville, Mo., was destroyed by fire on the night of February 3. It was insured for \$8,000 and the total loss was about \$16,000. It has not yet been learned whether the mill will be rebuilt or not.

One of the possibilities of the near future is the erection of a new 250 barrel flour mill at Molbank, S. D. They are very anxious to have another mill located at that point, although they now have one mill there which is running full time.

Nordyke & Marmon Co., through its agent, W. H. Johnson, has secured the contract to erect a 100 barrel mill at Pawnee, Neb., for Marshall, Murdock & Miller; Mr. Marshall was formerly with the firm of Temple & Marshall, Clifton, Kas.

E. O. Moffatt, Wm. Murphy and Col. N. P. Simonds, who left Kansas City January 14 to visit Cuba and Porto Rico, had a very enjoyable trip. Mr. Moffatt and Mr. Murphy have returned to Kansas City, well pleased over their visit to the islands. Col. Simonds will return after he visits Boston.

S. A. Mapes, secretary and general manager of the Lamar Mill and Elevator Co., Lamar, Mo., was in the city this week. He has just returned from a trip in Southern Kansas and insists that 50 per cent of the wheat is still in the farmers' hands. He does not believe any damage has been done to the wheat crop so far.

A very pretty wedding took place on Wednesday at the home of Fred S. Doggett, this city. The groom was J. D. Bowersock, son of J. D. Bowersock, the mill owner and Congressman-elect of Lawrence, Kas. The bride was Miss Frances Blossom Matteson, granddaughter of the late Maj. Blossom, and daughter of Mrs. Fred S. Doggett.

Otto Swaller, representing the I. M. Yost Mill Co., Hays City, Kas., returned this week from Cuba. Mr. Swaller was well pleased with his trip, but very much inclined to believe that the time is hardly ripe to push business in the West Indies. Banking as well as other methods are in a very crude state and persons should be very careful at the present time if doing busi-

LEADING MILLS OF ILLINOIS.

SPARKS MILLING CO.,

ALTON, ILL., U.S.A.

—W. D. SPARKS, in Charge of Havana, Cuba, Office.—

OUR FACILITIES for handling the Cuban trade are complete.

Write for prices to our home office or to our branch in Havana, Cuba.

H. E. HALLIDAY, President.

W. S. GORE, Manager.

H. L. HALLIDAY MILLING CO.,

MANUFACTURERS OF

GUARANTEED PURE WINTER WHEAT FLOUR.

CAIRO, ILL.

Capacity, 800 barrels daily. Also dealers in Grain.
Our Leading Brands are { SYLPH, Patent.
CLEOPATRA, Extra Fancy.Correspondence Solicited.
Our grain receiving and storage facilities and shipping advantages are unsurpassed.

Columbia Star Milling Co.,

MANUFACTURERS OF THE CELEBRATED

COLUMBIA STAR BRANDS "Belle of Monroe," "Pride of Columbia."

SUCCESSORS TO HENRY HUOH.

Foreign and Domestic
Correspondence Solicited.CAPACITY, 500
BARRELS.

COLUMBIA, ILL.

Established 1861.

Capacity, 600 Bbls. Daily.

REICHERT MILLING CO.,

Manufacturers of

Pure Soft Winter Wheat Flour.
PLANSIFTER SYSTEM.

...FREEBURG, ILL., U. S. A...

DEAN MILL CO.,

AVA, ILL.

Highest Quality
Winter Wheat..

FLOUR.

Eagle Milling Co.,
SPARTA, ILL.MANUFACTURERS
OF ...High Grade Flour
FROM

Capacity, 400 Barrels.

Best Winter Wheat.

1875-1898.

CAPACITY, 800 BBLs.

SCHULTZ, BAUMAN & CO.,

BEARDSTOWN, ILL.

PURE SOFT WINTER WHEAT FLOUR

for Domestic and Foreign Trade.

EGYPT MILLING CO.

ESTABL. **ASHLEY ILL.** 1866.MANUFACTURERS OF
PURE WINTER WHEAT FLOUR

WATERLOO MILLING CO.,

WATERLOO, ILL.

Manufacturers of ...

Winter Wheat Flours,

"MONARCH" and "CALUMET."



JOHN HUEGELY, JR. JULIUS HUEGELY. THEO. L. REUTER.

Huegely Milling Co.,

Nashville, Illinois.

Manufacturers of High Grade Winter Wheat Flour.

Huegely's Best, Washington, Huegely's Eagle, Lily or Egypt.

PINCKNEYVILLE MILLING CO.,

—MANUFACTURERS OF—

Fine Winter Wheat Flour

PINCKNEYVILLE, ILL., U. S. A.

Capacity, 500 Barrels.



MAGNOLIA MILLS,

WATERLOO, ILL.

T. KOENIGSMARK, Proprietor.

Capacity, 400 Barrels.

H. C. Cole Milling Co.,

Chester, Illinois.

Manufacturers of
Pure and Uniform
Capacity, 700 Bbls.

RED WINTER WHEAT FLOURS

BRANDS:—"Omega," "Theta," "Cole's Mills," "PFFQ," "Comfort," "Dianara."

SOUTHERN ILLINOIS MILLING CO.

Capacity, 500 Barrels.

--- MANUFACTURERS OF ---

PURE RED WINTER WHEAT FLOUR.

Does a foreign and domestic business. Does not employ brokers.

MURPHYSBORO, ILL., U. S. A.

HEZEL MILLING CO.,

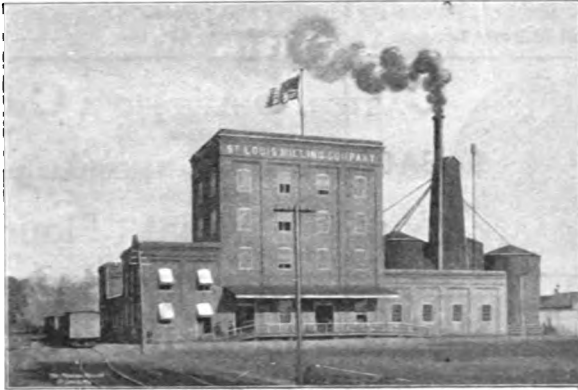
FINEST
WINTER
WHEAT
FLOURS.E. St. Louis,
Ills.Capacity, 800
barrels.
Commenced
business
1899.

LEADING MILLS OF ILLINOIS.—CONTINUED.

ESTABLISHED 1856.

ST. LOUIS MILLING CO.,

CARLINVILLE, ILL., U. S. A.



FINE WINTER WHEAT FLOUR.

Registered Brands { ANITA,
WHITE SILK,
PRINCESS ANNE,
PURITY.

FINEST HARD WHEAT PATENT

Searchlight.

We also Manufacture HIGH GRADE CORN
.... GOODS of All Kinds.

ESSMUELLER-HEYDE MILL FURNISHING CO.,

MILL BUILDERS AND MACHINISTS.

Corrugating and Grinding Rolls a Specialty. Bolting Cloths
Made Up On Short Notice.

605 S. SIXTH STREET, ST. LOUIS, MO.

WRITE US.

Canadian County

Mill and Elevator

Company.

Capacity, 700 Bbls.

Manufacturers of KANSAS HARD WINTER WHEAT FLOUR for Domestic and Foreign trade. Correspondence solicited.

Cable address—Canadian. El Reno, Oklahoma, U.S.A.

ness there. He, however, believes that when business matters become thoroughly settled, it will be a grand field for the American miller, but too much competition will quickly ruin it.

PHILIP E. BURROUGS

HECKER-JONES-JEWELL MILLING CO.

The mills of the Hecker-Jones-Jewell Milling Co., New York City, an illustration of which appears on the first page of the Modern Miller this week, consist of the Hecker mill of 3,500 barrels capacity, established in 1843; the Jones mill, 2,600 barrels capacity, established in 1830; the Jewell mill, 2,000 barrels capacity, established in 1855, and the Staten Island mill, 2,000 barrels capacity, established in 1880.

Beyond their output of 10,000 barrels of flour a day the mills of the company are the largest manufacturers of food specialties in the world. They turn out specialties to the number of millions of packages. These, as well as the flour, pure and simple, are favorably known not only in the kitchen, but to the banker, the merchant and the trader in Central and South Amer-

ica, and all over the continent of Europe. Among them may be especially mentioned: Hecker's Self-Raising Buckwheat, Hecker's Self-Raising Flour, Hecker's Griddle Cake, Hecker's Old Homestead Flapjack, Hecker's Yellow Corn Flour, Hecker's Self-Raising Phosphate, Hecker's Rolled Oats, Hecker's Farina, Hecker's Flaked Tapioca, Hecker's Table Salt, Hecker's Cereal Health Coffee, Hecker's Pearl Corn Flakes, Hecker's Hominy, Hecker's Glutine, Hecker's Wheat Granules, Hecker's Wheaten Grits, Hecker's Rolled Wheat and Hecker's Hygienic Whole Wheat Flour.

AMONG THE MILL FURNISHERS.

The Barnard & Leas Manufacturing Co., Moline, Ill., write:

"The damage by fire to the foundry of the Barnard & Leas Mfg. Co., Moline, Ill., while quite serious, did not detain us in our work. A double force of men working night and day were put on and a heat taken off the third night after the fire. The insurance has been satisfactorily adjusted, and the foundry is running full force.

This energetic work was absolutely necessary, owing to the crowded condition of our shops with work.

The Barnard & Leas Mfg. Co. has recently received among others, contracts as follows: Fifty-barrel plansifter mill, Farmington, Ky.; complete plansifter mill, Anthony, New Mex.; complete plansifter mill, Jonah, Tex.; complete plansifter mill, Arrow Rock, Mo.; 75-barrel plansifter mill, Searcy, Ark.; 40-barrel plansifter mill, Osage, Ark. Also an order from the Consolidated Elevator Co., Duluth, Minn., for 18 of their largest elevator separators. Also an order for a plansifter outfit to go to Turkey in Asia Minor and a large order from their London agents, Wm. R. Delf & Son, and orders for their special machinery throughout the country.

The S. Howes Co., Silver Creek, N. Y., write: "We are glad to state that we are having a great run on our new double scourer, smutter and separator. For January we received orders for a large number of these machines. All that we have out now are giving complete satisfaction to their users, and in 1888 we shipped out over 250 of these machines."

LEADING MILLS OF MISSOURI.

E. O. STANARD MILLING CO.,Cable Address,
"STANARD"
St. Louis.--- MANUFACTURERS OF ---
Red Winter and Kansas Hard Wheat Flours.Daily Capacity, 5,000 Barrels.
Wheat Elevator Capacity, 600,000 Bushels.
General Offices, ST. LOUIS, MO., U. S. A.

Member of the Winter Wheat Millers' League.

Our "RELIABLE" brand of Kansas Hard Wheat Patent Flour was awarded first premium by the great St. Louis Fair Association, October, 1898, in competition with the best Minneapolis flours.
"RELIABLE" is the greatest bread producer on the market. Write for samples and prices.


Hunter Bros.
ST. LOUIS, MO., U.S.A.
MANUFACTURERS OF
SUPERIOR WINTER WHEAT FLOUR
AND SHIPPERS OF
Millfeed & Grain
OFFICE, 45 & 46 REPUBLIC BUILDING.
Capacity, 650 Barrels Daily.



CARTER, SHEPHERD & Co.
Proprietors
EAGLE MILLS, HANNIBAL, MO.
Superior Grades of
Winter Wheat Flour.
Capacity, 500 barrels daily.

HANNIBAL MILLING CO.
Manufacturers of High Grades of
WINTER WHEAT FLOUR
—For both Domestic and Export Trade.—
Correspondence Solicited. **HANNIBAL, MO.**

R. T. DAVIS MILL & MFG. CO.,

ST. JOSEPH, MO., U. S. A.

Located in the Center of the Missouri and Kansas Hard and Soft Wheat Section. This is the finest and most modern Mill west of the Mississippi River.

DAILY CAPACITY, 1,000 BARRELS. *

Foreign Office: 39 SEETHING LANE, LONDON, E. C. ENGLAND.
A. F. LANGDON, Mgr.**INTER-STATE MILLS,**

ARMS & KIDDER, Proprietors.

KANSAS CITY, MO., U. S. A.

We Manufacture Choicest
. . . . grades of Hard and Soft
KANSAS FLOUR.**JOHN F. MEYER & SONS,**
SPRINGFIELD, MO.**High Grade Flour,**Soft Wheat, BRANDS. Hard Wheat.
"ALBATROSS" "PREMIER"General Office, 123 Laclede Building,
ST. LOUIS, MO., U. S. A.**The Union Milling Co.**

CAPE GIRARDEAU, MO.,

Manufacturers of **HIGH GRADE FLOUR.**

Write for our prices.

**Cowgill & Hill**
MILLING CO.CARTRIDGE, MO., U. S. A.
Millers and Exporters of
Winter Wheat Flour.
Foreign and Domestic
Correspondence Solicited.

Capacity, 400 Bbls. Daily

The Higginsville
Milling Co. . . .

HIGGINSVILLE, MO.

High Grade **Flours**
Winter Wheat
Domestic and Export Trade.**MEYER & BULTE,**

PROPRIETORS OF

WHITE SWAN MILLS.

Manufacturers of

Hard and Soft Wheat Flour

CLINTON, MO.



MANUFACTURERS OF
HIGH GRADE FLOUR
Hard Wheat Flour A Specialty
KANSAS CITY, MO.
DAILY CAPACITY 1000 BBLs.
FOREIGN AND DOMESTIC
CORRESPONDENCE SOLICITED

DAVID B. KIRK & Co.,

KANSAS CITY, MO., U. S. A.

Flour Exporters AND DEALERS IN Kansas Hard Wheat Flour.

OUTPUT 1500 BAGS PER DAY.

LEADING MILLS OF MISSOURI.—CONTINUED.

Daily Capacity,
Flour, 1,000 Bbls.,
Corn Products, 600 Bbls.

Mills at SPRINGFIELD, REPUBLIC
and EXETER, MO.

R. C. STONE MILLING CO.,
GRAIN, FLOUR AND FEED.

Also dealers in and
shippers of all
kinds of

...MANUFACTURERS OF...

Pure High Grade Hard and Soft Wheat
Flours and Fine Corn Mill Products.

SPRINGFIELD, MO., U. S. A.

Established 1874.

Refer to Any Bank in Kansas City.

TALPEY BROS. & CO.

RECEIVERS AND SHIPPERS OF

GRAIN

307-308 Board of Trade, KANSAS CITY, MO.

Mills supplied with Wheat direct from Country Stations
and will settle on weights at the mill.

S. W. COBB.

WM. A. GARDNER.

S. W. COBB & CO.,

COMMISSION MERCHANTS,

Grain, Provisions, Stocks and Cotton.

317-319 Chamber of Commerce, ST. LOUIS, MO.

Orders executed in Grain, Provisions and Stocks, Private Wire to
Chicago, New York, Boston and Kansas City.

Annan, Burg & Smith,



Commission
Merchants,
**FLOUR, GRAIN
AND FEED.**

..... St. Louis, MO.

J. W. MOORE, Pres't.
P. F. CARY, Sec'y.

A. McKENZIE, Treas.

Moore Grain & Elevator Co.

GRAIN MERCHANTS.

We make a specialty of filling mill orders direct from country shippers
Proprietors 303-4 Exchange Bldg.,
MISSOURI ELEVATOR. KANSAS CITY, MO.

THE OUTLOOK.

Little life in the flour market. Export demand dormant and domestic trade but moderate. Prices firmly held and the production is not greatly in excess of sales, few mills running to anything like their capacity. Bitterly cold weather in the winter wheat belt has caused serious apprehension of damage to the plant, but it is too early to predict its extent. Snow covering has afforded protection in many sections.

REVIEW OF THE GRAIN MARKETS.

St. Louis, Feb. 10.—The range of grain values at the markets below mentioned for the week beginning Feb. 3, and ending Feb. 10, inclusive, was at the close on dates mentioned:

	Feb. 10.	Feb. 3.
St. Louis, May wheat	75½-¾	76
St. Louis, May corn	35	35½
St. Louis, May oats	29¼	29
Chicago, May wheat	72¼-¾	73¼
Chicago, May corn	36½-37	37¼
Chicago, May oats	28¼-½	28¾
Kew York, May wheat	76¾	77
Kew York, May corn	41½	37¾
New York, May oats		
Nan. City, No. 1 hd wh.	65¼-66¼	64-66
Nan. City, No. 2 red	73	73¼
Kan. City, No. 1 corn	82¼-82¾	83
Kan. City, No. 2 oats	28-29½	28
Bran	54	58
Rye	60	64¼

Wheat had a spell of seasickness at the commencement of hostilities on

Monday, but is demonstrating that it still possesses some recuperative power as the week dwindled away. No one could see anything but one side to the market for the past ten days and the slogan was to "sell wheat." One day was a repetition of the other. Traders had favorable news from the Argentine, Australian shipments and a host of items all calculated to create a panic in the minds of holders, in fact, wheat wasn't worth anything in the estimation of the seller and many of this element went on the theory that the 1898 crop had already been assured. It was in truth a discouraging array of statistical information for a believer in wheat to survey and not succumb. Many heavy lines were thrown over in a disgusted kind of way as if they never expected wheat to ever see 75c again in the next two years. As is always the case there was too much unanimity of opinion in this regard and Mr. Seller overplayed himself and finally the day of reckoning arrived in the shape of the severest cold snap the winter wheat region has experienced since 1885. The ground is undoubtedly frozen to the depth of two feet in many sections of the winter wheat and expert opinion is that the plant will show considerable damage with the coming of milder weather. The extent of the harm cannot be guessed at or estimated just now. The cold wave covered the entire wheat belt

and even penetrated as far south as Texas. It necessarily caused a complete overturning in the opinions of the former seller and a quick recovery in price equal to nearly 3c per bushel in the active months. Outside of this one feature the market has had no conspicuous items of information. The receipts are necessarily light on account of the cold weather and will be for a week to come. From now the market is going to turn itself into an affair of the weather and the weather wants to be watched closely.

Liquidation in corn was the leading characteristic of the market when the business for the week was inaugurated. Well held corn was dumped overboard through sympathy with sliding scale adopted by the wheat market and as a consequence corn dropped a cent. The break was further accelerated by heavy receipts at all Western points and a free movement coupled with better grading of the 1898 crop. When wheat turned corn responded sympathetically, but very stubbornly and moves slowly, like all large bodies. The early sellers wanted their corn back and took it back on advancing quotations. The movement for the time has let up, owing to cold weather. Liverpool has been dropping almost continually and from that source nothing encouraging can be looked for. Argentine is shipping corn

**RECEIPTS AND SHIPMENTS OF WHEAT AND FLOUR BEGINNING SATURDAY, FEB. 4, ENDING FRIDAY
FEB. 10, INCLUSIVE.**

FLOUR.					WHEAT.				
	RECEIPTS.		SHIPMENTS.			RECEIPTS.		SHIPMENTS.	
	This Week.	Last Week.	This Week.	Last Week.		This Week.	Last Week.	This Week.	Last Week.
St. Louis.....	27,000	21,985	31,161	27,114	St. Louis.....	115,102	165,465	89,050	101,856
Chicago.....	92,817	90,238	89,922	124,110	Chicago.....	589,080	489,848	98,170	118,965
Toledo.....	1,458		7,388		Toledo.....	157,980	129,042	91,949	94,800
Detroit.....	1,200	8,400	1,600	2,800	Detroit.....	66,051	85,709	45,028	29,015
Kansas City.....					Kansas City.....	879,400	618,100	866,900	819,200
Milwaukee.....	73,280	60,080	40,351	45,926	Milwaukee.....	178,400	193,600	23,100	23,800
Minneapolis.....			274,622	297,690	Minneapolis.....	1,026,055	1,715,390	127,690	172,940
Duluth.....					Duluth.....	694,873	680,485	87,943	119,180
New York.....	94,745	149,653	141,439	142,991	New York.....	416,000	888,000	708,181	969,189
Baltimore.....	18,397	62,117	97,080	109,638	Baltimore.....	160,231	208,357	256,000	304,000
Philadelphia.....	12,314		7,868	17,827	Philadelphia.....	66,281	302,700	227,471	230,445
Boston.....	13,575	24,805	52,992		Boston.....	817,497	262,070	294,385	444,194
San Francisco.....	26,000	24,000	11,000	25,000					
Total.....	860,796	489,324	718,573	844,150	TOTAL.....	4,016,906	5,751,764	2,356,119	2,922,084

in considerable quantities to the continent and to the United Kingdom, hence the demand for American maize has fallen off. Clearances are fair, but not at all large. Corn, though, has many friends who are confident there is a sharp turn in the market near at hand. With the comparatively large receipts an increase in the visible supply next week is anticipated. Last week stocks increased 1,069,000 bushels.

Speculative operations in oats are still governed entirely by the course of the corn market. Values had a sagging tendency in the beginning of the present week, but on firmness in wheat and corn recovered and have held ever since. Business is greatly restricted by the paucity of the receipts and all offerings are well absorbed by oatmeal mills and food stuff manufacturers of all kinds. Samples find a ready sale and in this end of the market there is an advance of nearly a cent from the lowest quotations noted for the week. The cold weather is not inducing any fresh offerings from the country and for that very reason an advancing market is certainly among the possibilities. Foreign operators are taking hold gingerly and apparently unwillingly, but in this respect considerable improvement is noted over last week. As a result of the light receipts stocks are not going to accumulate and will likely show a decrease next week. This week the visible supply increased only 13,000 bushels and the total is now 7,038,000 bushels.

In rye there has not been much of a market all week. Business is still very limited and so are the offerings. Speculation is at a standstill and no outside business is noticeable. Early in the week prices had a sharp slump in weakness in wheat and the rye futures suffered a loss of nearly 2c a bushel, with a subsequent recovery of 1½c in sympathy with wheat values. Foreigners are once more getting busy in rye and it looks as if the demand from that source would be a help to the market shortly.

Flaxseed quiet and with an easier tendency on very light trading. Prices appear to be well established around \$1.15 to \$1.18, but so far as the futures are concerned activity is at a discount. The market suffered a loss of 2c early in the week, part of which has been regained. Demand for cash improving and crushers report an excellent business with the outlook for the spring trade of the most glowing description.

JOSEPH B. BRACKEN.

American Visible Supply.

The visible supply of grain in the United States and Canada, on the dates named, as reported by the Chicago Board of Trade, follows:

Bus—	Feb. 6.	Jan. 30.	Jan. 23.	Feb. 7.'98
Wheat.....	28,984	28,538	29,273	36,002
Corn.....	28,208	27,189	26,061	39,505
Oats.....	7,088	7,025	6,996	14,766
Rye.....	1,567	1,441	1,797	2,596
Barley.....	3,211	3,336	3,354	2,673
Increase of wheat, 446,000 bus.				

Available Supplies.

Available flour and grain supplies being the aggregate of the amount visible and that afloat, are

	Bushels.
Flour and wheat.....	58,604,000
A year ago.....	69,342,000
Corn.....	42,288,000
A year ago.....	51,825,000
Wheat and flour increase.....	2,964,000
Decrease a year ago.....	700,000
Corn, increased.....	2,279,000
Decrease a year ago.....	1,836,000

On Ocean Passage.

The amount of flour and wheat on ocean passage increased 2,460,000 last week:

	Bushels.
On passage now.....	29,680,000
On passage a year ago.....	33,280,000

The amount of corn on passage increased 1,360,000

	Bushels.
On passage now.....	14,080,000
On passage a year ago.....	12,320,000

Shipments of Flour and Wheat to Europe.

Shipments of flour and wheat to Europe last week amounted to 9,043,000 bushels. The countries from which exports were made and the amount from each was as follows:

	Bushels.
United States and Canada.....	6,585,000
Russia.....	650,000
Danubian ports.....	216,000
India.....	320,000
Argentine Republic.....	624,000
Australia.....	648,000
Total.....	9,043,000
Total a year ago.....	5,514,000

BENJ. F. HORN FLOUR BARREL
DEALER IN COOPERS' TOOLS.

Office, Shops and Warehouse, East St. Louis, Illinois.

ST. LOUIS, MO., 312½ CHESTNUT STREET.

Staves, Hoops
AND **Headings,**

THE ST. LOUIS BARREL HEATER.

LEADING MILLS OF TENNESSEE AND KENTUCKY.

CABLE ADDRESS:
"SAX" NASHVILLE.

MODEL MILL CO.
NASHVILLE, TENN., U.S.A. MANUFACTURERS OF
PURE WINTER WHEAT FLOUR
FOR EXPORT AND DOMESTIC TRADE.

W. LITTERER, PRES.
W. C. MYERS, SEC. & TREAS.

CORRESPONDENCE INVITED.



Capacity, 600 Bbls. Daily.
SHELBY MILLS,
Flour, Corn Meal and Feedstuffs,
G. T. MAYS CO.,
MEMPHIS, TENN.

E. P. BRONSON, Vice-Prest. & Gen'l Mgr.

CAPITAL \$400,000.

W. T. CARTWRIGHT, Sec'y & Treas.

CUMBERLAND MILLS,
NASHVILLE, TENN.
High Grade Winter Wheat Flour.

Highest Prices paid for
Wheat and Corn.

DAILY CAPACITY, { FLOUR, 2500 BARRELS.
MEAL, GRITS, ETC., 4000 BUSHELS.

Also Bolted and Unbolted Corn
Meal, Pearl Meal, Grits, Etc.
Correspondence solicited. . . .

DAILY CAPACITY 2000 BARRELS.

EXPORT BRANDS:
LEONTE
NORDYKE
GLOSTER
SUNOL, TITANIC

LIBERTY MILLS
NASHVILLE, TENN.
PREMIER MILL OF AMERICA

AGENTS, ROSS, T. SMYTH AND CO.
For LIVERPOOL & LONDON

EM. KELLY, PRES. E. C. ANDREWS, SEC.

FLOUR MADE FROM THE CELEBRATED
TENNESSEE WINTER WHEAT.



Capacity, 1,000 Bbls. Daily, Capacity, 1,500 Bbls. Daily.
The Mississippi Mills AND The Georgia Mills,
High Grade Winter Wheat Flour. The Best Corn Plant in the South.
CANNON & YATES, Proprietors,
MEMPHIS, TENN.
CORRESPONDENCE SOLICITED—DOMESTIC OR FOREIGN.

THE MODERN MILLER
ADVERTISE IN IT.
FAVORABLE RATES.
QUICK RESULTS.

IF YOU WANT FLOUR OR FEED WRITE TO **LEXINGTON ROLLER MILLS CO.,**
LEXINGTON, KY., U. S. A.
CAPACITY, 900 BBLs. FOREIGN AND DOMESTIC CORRESPONDENCE SOLICITED.

Our patent is stand-
ard for Ky.
Our feed is the leader
in the Boston market.

MILES & SON, Pure Winter Wheat Flour.

Cable Address,
"Miles."

FRANKFORT, KY., U. S. A.
Foreign and Domestic Correspondence Solicited.

Mixed Feed in 100-lb. Sacks.

Riverside and Robinson Codes used.

Member of the Winter Wheat Millers' League.

Snyder's Havana Steamship Line
to Havana, Cuba.

Snyder Banana Co.'s Steamship Lines
to Colon, Bocas del Toro,
R. C. & Port Limon C. R.

For Freight and Passage, apply to . . .

E. H. SINCLAIR,
Gen'l Freight and Passenger Agent
MOBILE, ALA.

MOBILE & OHIO R. R. CO., Agents,
... OR ...
J. A. SNYDER, Manager.

Keep
the
Lar-
gest
Stock.



Do
the
Best
Work.

Manufacturers of Cotton, Jute
and
Paper
BAGS...

FACTORIES:

ST. LOUIS.
MINNEAPOLIS.
OMAHA.
WEST SUPERIOR.
NEW ORLEANS.
SAN FRANCISCO

OUR CUBAN LETTER.

HAVANA, Feb. 5.—(Special Correspondence.)—Since my last letter I have been looking further into matters that affect the flour trade in Cuba and, while I speak of flour, the same conditions apply to all kinds of provisions, although not, I think, to grain. Markets here are dull and very unsettled. This situation comes from the fact that large quantities of flour have been consigned at "any old" price; also because flour bought and landed here before January 1 and which paid a duty of from 25 to 50c a sack, is being offered on the market at less money than it is worth in St. Louis.

I am informed that before January 1, for years back, every Spanish house doing business on the island had an understanding and arrangement with the custom house to get goods admitted without payment of full duty. They would often pay 25 per cent of the duty into the custom house and pay 25 per cent more to the "powers" in the custom house, thus getting their goods in at one-half the regular duty.

I am informed that at least one high official had a regular silent business interest in several large houses on the island (he seemed to be too greedy to only use the port of Havana), and goods shipped to these houses did not appear on the custom house manifest. They did not go through the custom house at all, and absolutely paid not one cent of duty.

Our government is teaching these fellows how to do business on business principles and honest methods. Lately there arrived here a shipment of flour consigned to the commissary department. The department could not locate the shipment and had the flour stored away. Several days later a large firm here applied for the flour and were told that when they proved their property and could show a paid duty receipt signed by Col. Bliss they could get the flour. Col. Bliss and Col. Wood, his assistant collector of customs, are not doing Spanish business at the old stand. This shipment was intended as a "feeler," and if Col. Wood had hinted at wrong methods he would have been offered a large bribe. The flour was shipped to the department, not in error, as was claimed, but as a "feeler."

Notwithstanding our honesty of methods, our business system is not altogether equitable and fair to the horses doing business on the island or to the people in the United States who

are trying to secure this trade. Our government is buying all of its army supplies at home. So many rations per man per month is supplied. For example, each man receives one and one-fourth pounds of flour for his daily rations. He cannot ordinarily consume more than three-fourths of a pound per day and at the end of the month each regimental quartermaster figures out the "over," as they call it, and sells it on the market to jobbers and retailers. This flour has paid no duty and, though it be only a few hundred sacks, it demoralizes the market. You can see "Red Cross" goods in almost every store—condensed milk and especially hospital goods. The flour and provisions go to the jobbers.

Now how can legitimate business compete with such conditions? I am of the opinion that this business is comparatively small, but it affects trade wonderfully. Instead of selling this "over" goods to the people, why would it not be just as easy to sell it back to the government and let the goods be reissued, paying the soldier cost or market price? In this way the soldiers would consume what was bought, and not disrupt trade by throwing goods on the market that have paid no duty, and in fact the duty does not cut all the figure, because the soldiers sell at any price they can get, without counting the original cost. This is a question of importance to all our business interests. In Matanzas a few days ago a commissary officer in the Red Cross society sold a lot of flour for \$4.75 in silver per 200 pounds, or at about \$2 per sack under market value here.

Customs receipts, Havana port, for January were a little less than \$800,000; for the island, about \$1,200,000. It looks like from such receipts the Cuban soldiers should be paid \$10,000,000 instead of \$3,000,000, the amount, it is rumored here, Gomez had agreed to accept to pay off and disband his army. Ten million dollars turned loose in the island would be worth more right now than \$30,000,000 five years hence. The Cubans agree to assume the debt; it will be paid back out of their customs receipts. Why should our government say they shall not have it?

W. D. SPARKS.

The effect on the trade of the island of the present methods of purchase and distribution of supplies imported to Cuba by the United States government is vigorously set forth in two articles which recently appeared in *Avisador Commercial*, a leading paper

of Havana. That these have the indorsement of the business interests of the city is evident from the fact that Messrs. Galban & Co., who are probably the largest importers on the island, have sent the articles to their connections in America, requesting that influence be brought to bear on the authorities at Washington to have the system changed. The following were received in St. Louis this week from Galban & Co. by the E. O. Standard Milling Co. and the George P. Plant Milling Co. and translated from the Spanish to the English language under direction of the Latin-American Club:

(Copied from the *Avisador Commercial*, leading Havana daily paper.)

"Since we heard that the supplies for the American forces would come from the United States and would enter this island free of duty, we considered it probable that the prestige of the American administration was running a serious danger, and that the trade of this country and the custom house revenue could suffer the consequences of precipitated measures.

"Although without the exemption of duties, which is a powerful inducement of easy and handy usefulness, we readily understood that it was not judicious to import the provisions for an army of occupation which is calculated to be of 50,000 men, outside of the country, considering the risks of the trip, the frauds connected with it, the difficulties of a regularity and sure ordination at long distance, and the bribery which the goods are subject to, on account of belonging to everybody, and being purchased as a government purchases them, they may be good and complete, or missing and bad, according to the degree of morality that the contracting parties have, or the scant or good profit that the conditions of misrepresenting the goods should offer.

"In spite of all this we did not care to insist in the apprehensions that we feel, awaiting to see the results that the determination would produce.

"This was carried to the saddest extremes. Not only all provisions come from the United States, but even the unheard of case was seen of importing even the sugar for the troops, without any doubt, because there it costs more to the government, and from there they even import the old brooms, which at times are covered as the new ones.

"All of this, however, would be in not objectionable for this country, at least tolerable, for it would only slightly injure its interests and its

LEADING MILLS OF INDIANA.



Blish Milling Co.,

MILLERS OF

Indiana Soft Red Wheat,

SEYMOUR, IND., U. S. A.

Specially Equipped for the Exportation of
WINTER WHEAT FLOUR.DAILY OUTPUT, 1,500
TEN-STONE BAGS...

13th CROP YEAR.

AGENTS IN ALL THE MARKETS
OF THE U. K.

... WE SELL ...



IGLEHEART'S SWANS DOWN.

Member of the Winter Wheat Millers' League.

Kauffman
Milling Co.,

ST. LOUIS, MO.

PROPRIETORS
PEERLESS MILLS.
Mt. Vernon, Ind.CABLE ADDRESS:
KAUFFMAN St. LouisJOHN BULL: I say
Sam, this prosperity's
great! How do you
make it?UNCLE SAM: Oh
easy! Americans use
Kauffman's Nutritious
High Quality Flours.
It makes them "Healthy
and Wise," and pros-
perity just rains down
on us.Lawrenceburg
Roller Mills Company,

Capacity, 1,500 Barrels.

Lawrenceburg, Ind., U. S. A.

FLOUR ADULTERATION

WITH FLOURINE,
CORN STARCH,
OR CORN FLOUR.Proteids, Carbohydrates and Gluten tests
a specialty. Examinations of all kinds.COLUMBUS FOOD LABORATORY,
Suite 1406, 163 State Street, CHICAGO, ILLSWRITE US
FOR RATES.HE WHO WOULD RISE
MUST ADVERTISE.

life—but what cannot be acceptable, and what makes necessary that this state of things should be changed, is the immorality to which those supplies lead by entering the country free of all duties, forming the revenue of the custom house, and making an intolerable war to the trade.

"It is well known that in the custom house of this city no smuggling of goods can be done which can be considered as such. The Hon. Mr. Bliss has taken measures that if they cannot avoid small irregularities, they prevent at least those of some importance, making them as few as possible.

"We know, however, that sacks of flour have been sold at 5 pesos silver, large stearine candles at 6 pesos, coffee at 8 pesos, condensed milk at less than half of its regular price. How could that be done? How is it possible for it to be done? The public opinion, the general business opinion, says that these goods have come intended for the American army which occupies the island, or rather under the protection of them, and we, if we cannot affirm it, we do not care to deny it. When goods came here to help the reconcentrados, we all know that most of them were sold to those who were not reconcentrados.

"It is told of entire villages which do not report the sale of one sack of flour in the place since a month. How can that be explained, as we have today more consumption of bread than before? Legally the public opinion cannot explain that candles worth 10 pesos gold should be sold at 6 pesos silver—or sacks of flour at \$5 which are worth \$7.50 in gold—this does not leave any margin, and at 6 pesos, also Spanish silver, the coffee which costs in the New York market from \$8 to \$9 American gold.

"Public opinion cannot conceive miracles—they know that in the custom house if anything is done, very little is done. It can realize that even by suppressing the duties altogether, such prices are real, and looks for the root of the evil in the supplies which are coming for the army of occupation.

"A great evil necessitates a prompt and energetic remedy, and this cannot

and must not be otherwise, in order to uproot it, than to purchase the food supplies for the American army in this island. We are sure that considering the amount of duties, said supplies would not come more expensive to them, but cheaper. With 1 per cent of commission, many would be the business men who would struggle to obtain the supply. And more than 3 and 5 per cent does it cost the government of the United States to unload and to store away the provisions; let us not speak of what is wasting, which can very well be over 15 or 20 per cent.

"The *Avisador Commercial* fulfills a duty, which he considers it dictated by his conscience, calling the attention of the governor general, Mr. Brooke, and of the military governor of the place, Gen. Ludlow, as to the facts presented, requesting that he investigate what truth there is in them, so he will implore from the government of Washington the only remedy, which is the one we have mentioned.

"The question is of a small and just beginning, bribery, which if continued would redound in the loss of prestige of his authority, and of the American administration, which so much needs to keep itself here free from every stain and from every suspicion."

Two days later the same journal commented on this subject again, as follows:

"The good reception that the public and the press have given to the article that we have day before yesterday devoted to the Hon. Mr. Brooke, Governor-General of this island, calling his attention to the loss that to the Custom House revenue and to the trade is caused by the fact that the provisions for the American army coming from the United States into this country enter free of duty, show with all clearness the importance of this matter, and the comments made thereupon, amplifying the work with data confirming what we could collect from the public opinion, the necessity that a prompt and energetic remedy should be applied to this loss.

"The *'Avisador Commercial'* is not a sensational paper, and the tact and measure that it has shown in all occasions, proceeding with clear judgment,

free from sentiment and owing to the duty it has to defend the interests of the country with the greatest equity and justice, they increased the power of the complaint which can much affect the good name of the American administration, complaint which is becoming general, and which on account of affecting many various interests, is becoming strengthened with the general ill-feeling, affecting in a great degree the commerce and industries.

"The free entry of the provisions for the American army is a powerful inducement to fraud which can be done in a thousand ways, although affecting forms of relative morality. The imposition of duties on those provisions, it is probable that it will avoid the evil, for the same reason that it was not possible to prevent that which resulted by selling for the public consumption a large part of the provisions that came for the reconcentrados.

"We are told that some of the sales made of the provisions which come for the American army, do not constitute a fraud, since they are effected in order to change or improve the rations, buying for its amount other goods in the market, and, in regard to this we were told of the offer made to a merchant to give him boxes of milk at four pesos in exchange for sweet potatoes. Even this way, the loss brought to the country and to the trade is evident. Those boxes of milk sold at \$4, costing on the wharf \$4.50 or more, would come to, exchanging its value for sweet potatoes at \$3.25 or \$3.50, resulting by the smaller cost an advantage over all the dealers of the same article legally and honorably acquired. We were told of a sale of flour, effected for the same purpose and under terms a hundred times more profitable for the purchaser of said flour. Such exchanges, which might be natural and even compulsory, besides lending their hand to immorality and injuring business which honorably contributes and works, make the cost of the sustenance of the American forces dearer, and they injure noticeably the Custom House revenue.

"When once the change of one article for another is authorized, the sale of those that can be secured is not very difficult and morality runs a ser-

H. N. SAYLOR COOPERAGE CO.,

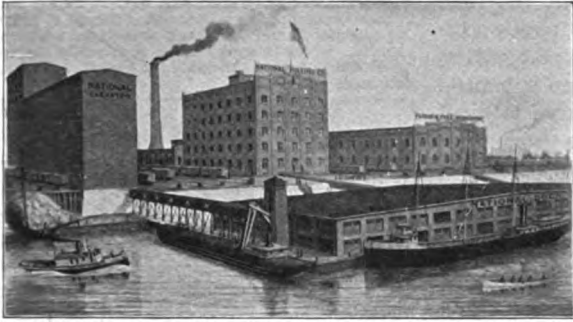
STAVES, HEADINGS, HOOPS AND COOPERAGE SUPPLIES.

107-109 S. Sixteenth Street, ST. LOUIS, MO.

SHAVED HOOPS A SPECIALTY.

THE SAYLOR BARREL HEATER IS THE BEST.

LEADING MILLS OF OHIO.



C. L. CUTTER, Sec'y.

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NATIONAL MILLING COMPANY.

Daily Capacity, 3000 Barrels.

TOLEDO, * * * OHIO.

The SHELBY MILL CO.,

Shelby, Ohio, U. S. A.

Member of the Winter Wheat Millers' League.

Has for 20 Years Made the
Best Flour Manufactured in Ohio

And is still at it.

1000 Barrels Daily.

The Orrville Milling Co.,
MANUFACTURERS
OF...
WINTER
WHEAT
FLOUR, . . .
Capacity 800 Bbls.
ORRVILLE, OHIO.

Member of the Winter Wheat Millers' League.

MILL COGS.

Rock Maple Cogs on shortest possible notice. We make Cogs with blank head to be spaced and dressed after being driven, but make a Specialty of Ready Dressed Cogs, which are ready to run moment driven and keyed. Send for Circular M.

THE N. P. BOWSER CO.,
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THE NORTHWESTERN ELEVATOR & MILL CO.,

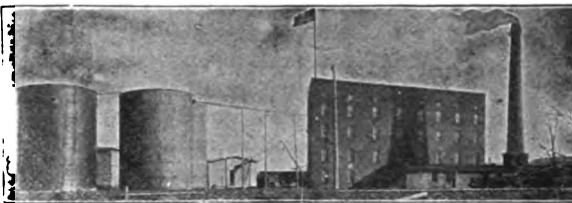
Manufacturers and
Exporters of

STRICTLY PURE
Winter Wheat Flour

Capacity, 1500 Bbls. Daily.
Gen. Office: 45 Produce Exchange

TOLEDO, O.

Mills at Toledo, Loudonville
Mt. Vernon, O.



THE TOLEDO PLANT.

LEADING MILLERS FIRE INSURANCE CO'S.

MILLS ONLY.

INDIANA MILLERS'
MUTUAL FIRE
INSURANCE CO.,

INDIANAPOLIS, IND.

THE KANSAS MILLERS' MUTUAL FIRE INSURANCE COMPANY

is furnishing its members
RELIABLE INSURANCE AT ACTUAL COST.

Insures only flour mills and contents.
Write for "Our Plan."

OUR 16TH YEAR. **ROBT. ATKINSON, Jr.**
OTTAWA, KANS. Secretary.

The Ohio Millers' Mutual Fire Insurance Co.

OF CANTON, OHIO.

INSURES ONLY Flouring Mills,
Grain Elevators,
Warehouses. . . .

A Thoroughly Millers' Company.

Information cheerfully furnished upon
application.

WM. H. CLARK, Secretary.

MICHIGAN MILLERS MUTUAL

FIRE INSURANCE CO.,
LANSING, MICH.

Net Cash Assets - - - - \$205,475.19

18 Years in Business.

..... CHEAP AND STRONG.

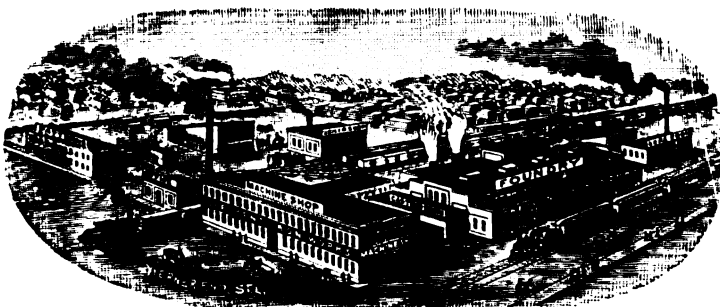
MILL OWNERS' MUTUAL FIRE INSURANCE CO., OF IOWA.

THE oldest Flour Mill Mutual in the
United States. It has saved to
policy holders 48 1/2 per cent. from the
rates charged by Old Line Companies.

J. G. SHARP, Sec'y.

DES MOINES, IOWA.

CRESCENT IRON WORKS, ... SPRINGFIELD, MO.



MILL BUILDERS and FURNISHERS.

AGENTS,

THE EDW. P. ALLIS CO.,
UNIVERSAL BOLTER, ROLLS, Etc.

SATISFACTION GUARANTEED,
Roll Grinding and Corrugating a Specialty.

ious danger when interest is in the play and it is easy to get.

"In the bread industry a real disturbance is created by flours, the cost of which is not that of the market, secured at much lower price than its real value. In condensed milk, candles, lard and fruit, it begins to be the same way. If this continues, it is sure that the importation will have to be much decreased, for fear of the competition so badly and much exercised.

"It is not enough, we told you already, to impose duties on the provisions which are coming from the United States for the American army. This measure would give results to avoid, in part or altogether, that with said goods, merchandise should enter intended for consumption, not only of provisions, but also of dry goods and even of notions and jewelry.

"In order to avoid the fraud as we see it possible, and the damage which is undoubtedly being caused to the Custom House revenues and to the trade and industries of the country, there is only one way, that of deciding that the American army should get its provisions here of everything they may need.

"From the United States would come, brought by the trade with better facilities, and at less cost, all the provisions, and it is certain that it would not cost them more, but much less, including the Custom House duties, of what they cost to-day to the government of Washington, purchased directly in the great republic.

"And that the army would get better food supplies, there is not the slightest doubt, the exchanges made, show that they are not satisfied, that the soldiers' food has not the variety necessary. Were they supplied here, besides having whatever they want, the food would be fresher and in better condition than that they have now. Let Mr. Brooke decide to inform his government at Washington, and let him be sure that he will do a great service to the good name of the American administration, besides marking his stay in this island with a piece of morality and favor much the health of the American army, protecting the interests of this country that needs it so much.

"It is not, nor can it be, considered logical, that an army which lives in Cuba, and the expenses of which at last the Island of Cuba will have to pay, should get supplies outside of Cuba, and that the country should be and appear indifferent to the life and general welfare."

East Bound Freight Rates.

Freight rates quoted to-day on flour per 100 pounds from East St. Louis and common points to points named (alongside of vessel at ports named), in car load of not less than 24,000 pounds, are:

To	All Rail.
Boston	25
Boston—export	23
New York	23
Philadelphia	21
Reading	21
Harrisburg	20
Wilkesbarre	21
Lancaster	21
Mauch Chunk	21
Scranton	21
Buffalo	15½
Ba'timore	20
Albany	22
Troy	22
Schenectady	22
Utica	21
Hornellsville	19
Newport News	23
Syracuse	19½
Rochester	17½
Detroit	11
Pittsburg	15½
Salamanca	15½
Providence	25
Binghamton	21
Cleveland	18

Ocean Freight Rates.

Below are quoted Ocean freight rates in cents, per 100 pounds, for this week, on flour to and from the ports mentioned:

To	From	In Cents per 100 lbs.
Aberdeen	Baltimore	21.09
Aberdeen	New York	21.09
Amsterdam	New York	17.
Antwerp	New York	14.06
Belfast	Baltimore	13.
Bristol	New York	12.66
Bremen	New York	20.
Bremen	Baltimore	18.
Cork	Baltimore	21.38
Christiana	New York	23.
Copenhagen	New York	23½
Dublin	Baltimore	13.
Dundee	Baltimore	21.09
Dundee	New York	16.88
Genoa	New York	25.81
Glasgow	New York	11.25
Hamburg	New York	16.
Hamburg	Baltimore	15.
Havre	New York	18.
Hull	New York	16.88
Leith	Baltimore	14.91
Leith	New York	14.06
Liverpool	Boston	5.62
Liverpool	New York	8.44
London	New York	11.25
London	Boston	11.25
London	Philadelphia	13½
London	Baltimore	14.06
Manchester	New York	14.06
Newcastle	New York	16.88
Rotterdam	New York	15.
Stettin	New York	23½

When Ocean freight is prepaid, \$4.86 United States gold is equal to £1.

Antwerp Grain and Feedstuffs Agent.

THEODOR VON WERNICH,
GRAIN and
FEEDSTUFFS,

C. I. F. Business Only. ANTWERP.

SOUTHEASTERN FREIGHT TARIFF.

The appended tabular statement gives the freight rates on flour, grain mill feed and hay from St. Louis, East St. Louis and Bellville, Ill., to Southeastern points named. Class F gives the rate per barrel on flour and corn meal in barrels. Flour in sacks takes a slightly higher rate. Class D gives the rate on grain, mill feed and hay:

To	Cents per 100 lbs.	
	D	F.
Akron, Ala. (for C. S. & M. Stations)	25	54
Alabama City, Ala.	27	58
Albany, Ga.	26	70
Aldrich, Ala.	24	75
Americus, Ga.	23	70
Anniston, Ala.	27	58
Athens, Ga.	21	66
Atlanta, Ga.	29	63
Attala, Ala.	27	58
Augusta, Ga. (Prop'r)	21	66
Barclays, Ala.	27	58
Beaufort, S. C.	26	60
Bessemer, Ala.	25	54
Birmingham, Ala.		
Blount, Ala.		
Blount Junction, Alabama	25	54
Brierfield, Ala.		
Bristol, Tenn.		
Brunswick, Ga.	28	60
Calera, Ala.	22	74
Caryville, Fla., (for Choc. River Landings)	26	76
Cedartown, Ga.	23	72
Charleston, S. C.	28	60
Chattanooga, Tenn.	24	52
Clarksville, Tenn., (store door)	18	40
Columbiana, Ala.	25	80
Columbus, Ga., (Proper)	21	66
Columbus, Ga., (for S. W.)	21	66
Dalton, Ga.	29	58
Decatur, Ala.	26	68
Demopolis, Ala.	29	68
Dukes, Ala.	23	70
Edward's Furn., Ala.	25	64
Elberton, Ga.	26	74
Ensley, Ala.	25	64
Eufaula, Ala., (Prop'r)	21	66
Eufaula, Ala., (for S. W.)	21	66
Fernandina, Fla.	26	60
Florence, Ala.	22	53
Fort Gaines, Ga.	24	72
Gadsden, Ala.	27	58
Gainesville, Fla., (Proper)	28	60
Gate City, Ala.	25	54
Gurnee, Ala.	23	72
Huntsville, Ala.	23	53
Ironaton, Ala.	27	85
Jacksonville, Fla.	28	60
Jenifer, Ala.	27	58
Jesup, Ga.	26½	78
Knoxville, Tenn.	27	68
Lake City, Fla.	26	60
(G. S. & F. So. of Lake City.)	41	86
Lake City, Fla., (Proper)		
Live Oak, Fla., (Proper)		
Live Oak, Fla., (F. C. & P. & So. Fla. Ex.)	26	60
Macon, Ga.	21	68
Milledgeville, Ga.	23	70
Montevallo, Ala.	26	65
Montgomery, Ala.	25	54
Morrison, Tenn.	28	81
Murford, Ala.	27	58
Nashville, Tenn.	16	84
New Branford, Fla., (Suw. River L'd'gs)	24	72
New Decatur, Ala.	23	68
No. Birmingham, Ala.	26	54
Opelika, Ala.	21	66
Oxanna, Ala.	27	58
Oxford, Ala.		
Oxmoor, Ala.		
Palatka, Fla.	24	72
Pell City, Ala., (for B. & A.)	27	58
Pensacola, Fla.	22	51
Port Royal, S. C.	22	61
River Junction, Fla.	24	76
Rome, Ga.	27	58
Ruffner, Ala.	25	64
Savannah, Ga.	28	60
Scims, Ala.	25	60
Seefield, Ala.	23	53
Shelby, Ala.	24	78
South Calera, Ala.	23	74
Sylacauga, Ala.	20	64
Talladega, Ala.	27	58
Thomas, Ala.	29	54
Trussville, Ala.	27	58
Trussville, Ala.	22	53
Washington, Ga.	25	78
Waycross, Ga.	26½	74
W. Nashville, Tenn.	15	84
West Point, Ga.	29	88
Watumpka, Ala.	20	84
Woodlawn, Ala.	25	64
Woodstock, Ala.		
Woodward, Ala.		

Rates on hominy and grits, in barrels, 4 cents less than Class F.

For Sale, Wanted, Etc.

Advertisements for situations wanted under the above head, 50 cents per line, space not to exceed one inch.

All other advertisements under this head \$1.00 per inch, or fraction each insertion.

Machinery For Sale—28 6-in. x 20-in. 4 Roller Machines, 6 Flour Packers, Flour Dressers, 1 2500-lb. Fairbanks Floor Scales, 3 600-lb. Fairbanks Floor Scales for flour packing, 4-in., 6-in. and 9-in. Caldwell Conveyors, Pulleys, Shafting and Belting. Apply on premises United States Mills, 1801 South 2d St., St. Louis, Mo.

WANTED—Experienced flour-mill machinery Salesman. Must be first-class and thoroughly competent to make estimates for new and remodel jobs. Give reference and salary. GREAT WESTERN MFG. CO., Leavenworth, Kans.

Nearly New Mill Machinery FOR SALE

MADE BY

BARNARD & LEAS MFG. CO.

- 1 9x18 3 High Feed Mill,
 - 2 Double Stands of Rolls,
 - 1 Daisy Sack Packer with Hopper and Drive,
 - 11 Stands, Elevators 41 Feet High,
 - 1 Middlings Purifier Special,
 - 2 No. 0 Centrifugal Reels,
 - 2 6-ft. and 18-ft. Round Reels,
 - 1 Middlings Separator No. 1½,
 - 1 Horizontal Smutter No. 1,
 - Shafting, Hangers, Pulleys, Sprocket Wheels, Boiler. Low Prices.
- Apply to H. A. AINSWORTH,
Moline, Ill.

WANTED—Position with large winter or spring wheat mill, as Assistant Manager, Correspondent or Head Book-keeper by first-class office man with ten years experience, having a thorough knowledge of all the details of the milling business and handling both foreign and domestic trade. Will be pleased to furnish best of references and any further information desired on application. Address D. J., care Modern Miller.

THE CALIFORNIA LIMITED

Via Santa Fe Route, is the best and speediest train to California, St. Louis to Los Angeles in 63 hours, three times a week. Pullmans, dining-car, buffet smoking-car with barber shop, and observation car with spacious parlor for ladies and children, vestibuled and electric lighted. Close Connection made at Kansas City by all lines leaving St. Louis Mondays, Wednesdays and Saturdays.

J. W. TEDFORD,
Gen'l Agent Santa Fe Route,
108 N. 4th Street, St. Louis, Mo.

— THE —

Chicago & Alton R.R.

ONLY STONE BALLASTED TRACK.

SOLID VESTIBULED TRAINS

BETWEEN

ST. LOUIS AND CHICAGO,

ST. LOUIS AND KANSAS CITY,

KANSAS CITY AND CHICAGO.

Palace Reclining Chair Cars Free,
Pullman Compartment Sleepers.

Ask your own Home Ticket Agent for tickets via the Chicago & Alton Railroad, or write to

JAMES CHARLTON,

General Passenger and Ticket Agt.,

CHICAGO, ILL.

D. BOWES,

General Western Passenger Agt.,

216 N. Broadway, ST. LOUIS, MO.

Knickerbocker Special,

Famous Noon Train

From St. Louis....

VIA

Big Four Route

NEW YORK CENTRAL R'Y.

CAFE, LIBRARY, SLEEPERS,
DINING CARS

ALL
EASTERN
CITIES.

W. P. DEPPE, A. G. P. A.,

St. Louis, Mo.



VIA THE IRON MOUNTAIN ROUTE

A New and Palatial Vestibuled Train, without an equal, put in service for the first time this season. Leaves St. Louis every Tuesday and Saturday, 8.00 p. m., for Los Angeles and San Francisco.

EQUIPMENT CONSISTS OF
COMPOSITE CAR—Containing Reading, Writing and Smoking Room, Buffet, Barber Shop and Bath Room.
COMPARTMENT CAR—Containing Seven Private Compartments and Double Drawing-Rooms.
SLEEPING CARS—Containing Twelve Sections State Rooms and Drawing-Rooms.
DINING CAR—In which all Meals are served A LA CARTE.

Heated with Steam. Lighted with Little Gas.
A SUMMER ROUTE FOR WINTER TRAVEL.
NO HIGH ALTITUDES. NO SNOW BLOCKADES.
ONLY THREE DAYS TO OR FROM CALIFORNIA.
Entire train runs through without change.

WRITE FOR PARTICULARS.

C. G. WARNER, Vice-Prest. W. B. DODDRIDGE, Gen'l Mgr.
H. C. TOWNSEND, Gen'l Passenger and Ticket Agent,
ST. LOUIS, MO.

CRESCENT HOTEL

Eureka Springs, Ark.

Opens March 1st. In heart of Ozark Mountains. Climate mild and bracing. Scenery wild and beautiful. Unequaled medicinal waters. Excursion rates. Through sleepers from St. Louis. Call at room H, "Arcade," Century Building, or Frisco Line Ticket Office, 101 N. Broadway, St. Louis.

B. & O. SOUTHWESTERN.

Luxurious New Pullman
Sleeping Cars

between

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CINCINNATI,

WASHINGTON,

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PHILADELPHIA

and NEW YORK.

Grain Growing Is Increasing

along the Southern Railway in the Southern States. Southern farmers are now diversifying crops more largely than ever before, and the South sees the profit of raising its own Grain and making its own Flour. There is thus a good field for **FLOURING MILLS** in the Southern States. More mills are needed.

Desirable Locations

for new mills can be found along the Southern Railway.

There are also the best locations for Textile, Wood Working, Iron and Steel and Earthen Ware Plants along the road in the eight States it traverses.

Locations for Home-seekers in Fertile and Healthy Sections, with cheap Lands. Send for information about the South.

M. V. RICHARDS,

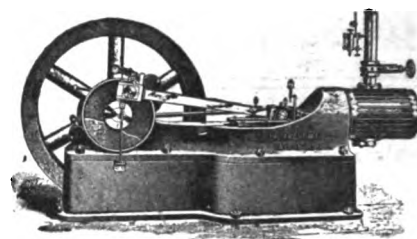
Land and Industrial Agent, Southern Railway,
WASHINGTON, D. C.

**AUTOMATIC
ENGINES.**

ABSOLUTELY
THE BEST
MADE FOR
ECONOMY.

BOILERS AND CLAY MACHINERY.

**THE FROST MFG. CO.,
GALESBURG, ILLS.**



PATENT SABLE

IS THE BEST BELTING
—MADE—

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LEATHER PULLEY COVERING **RAWHIDE BELT.**

SHULTZ BELTING COMPANY, ST. LOUIS, MO.

Agents in All Principal
Cities.

Chas. E. & W. F. Peck,

No. 58 William St., NEW YORK, N. Y.
Nos. 1115-1116 Royal Ins. Bldg., CHICAGO.

Originators of the Cel-
ebrated Form of . . .

Marine Insurance

(Copyrighted) Covering
Shipments of Flour
Against "All Risks."

Fire Insurance.

Exceptional Facilities for
the Prompt Insuring of
Flour or other Merchan-
dise, while Stored at Ter-
minals or Elsewhere.

Now used by the Leading Millers of the Country and Endorsed by the European Receivers of Flour.

Correspondence Solicited . . .

WATER WHEELS.

Many Sizes and Styles—Upright and Horizontal. Adapted to Milling and all power purposes. Easy working balance gates. We guarantee most power with smallest quantity of water, at both full and part gates.

ENGINES AND BOILERS—UPRIGHT AND HORIZONTAL.

Write for pamphlet of either, stating your wants.



JAMES LEFFEL & CO., Springfield, Ohio, U. S. A.



Rotate rapidly against the sun and
see what the Mitchell Scroll looks
like when it is doing the business.

Made by

THE KNICKERBOCKER COMPANY, JACKSON, MICH.

Wanner & C^{ie}, Horgen

Spezial-Abteilung für baugewerbliche Isolirungen.

Generalvertreter der Korksteinfabrik Grünzweig & Hartmann, G. m. b. H., Ludwigshafen a. Rh.

Erste, älteste und grösste Korksteinfabrik des Kontinents.

Korksteine und Korksteinplatten

für baugewerbliche Zwecke.

Zur Isolirung von:

Ziegel-, Schiefer-, Metall- und Holzzement-Dächern;
Massivdächern aller Art, Betondächern etc.;
Massiven Mauern und Fachwerk-Wänden;
Feuchten Wänden und Etagen-schossräumen;
Gewölben und Fussboden;
Scheidewänden und Fensternischen;
Kühlräumen, Eis- und Kühlkellern.

Zur Herstellung von:

Elastischen und schalldämpfenden Fussboden-Unterlagen
für Linoleum;
Leichten, freitragenden Scheidewänden;
Zwischendecken und Deckenverschalungen;
Warm- und Kaltluft-Kanälen für Heisungs- und Ventilations-
Anlagen;
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Als selbständiges Bauelement für

Wohnhäuser, Villen, Stallungen, Personen- und Lagerhallen, Remisen, ambulante Lazarette,
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Hohe Isolation

gegen
Wärme, Kälte, Schall und Feuchtigkeit.

Tausende von
Referenzen und Zeugnissen
aus allen Ländern.

Eigene
Architektur-Bureau
zur Konstruktion
von
Korksteinbauten.

Langjährig geschultes
Monteur-Personal.

WANNER & C^{ie}
HORGEN.

Ausführung
jeder Art Arbeiten
unter Garantie.

Kataloge,
Kostenberechnungen,
fachkundige Ratschläge
und Projekte
prompt und gratis.

Grosses Lager,
rasche Bedienung.

WANNER & C^{ie}
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feuersicherer Schutz der hölzernen Dachkonstruktion.



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Generalvertreter für die Schweiz:

M. & H. A. ERNST, THALACKER 21, ZÜRICH I.

Telephon 6996.



Dauernd geschützt gegen Regen und Schweißwasser.

Planolin-Nivelliermasse

um ausbessern alter Böden jeder Art und abglätten von Betondecken in Neubauten, einzige

**sofort trocknende
Linoleum-Unterlage.**

Verarbeitung leicht, nur mit Wasser.

Billigste Linoleum-Unterlage, da Material-Aufwand gering.

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Schweizer. Lichtpausanstalten A.-G.

Auf der Mauer, 4 ZÜRICH Auf der Mauer, 4
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Spezialität: Trockendruck (Plandruck)
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Heliographie-, Paus- u. Zeichenpapiere
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Man verlange Muster und Preislisten.

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erstellt Alfred Bähler, Zeichner, Gasstrasse 33, Basel
assenheliographien ca. 25 m² pos. Fr. 1.50 per m²,
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Innen-Dekorationen. Monumentale Figuren
Bau - Ornamente, Guss - Ciselierungen
Kunstgewerbliche Gegenstände in
Kupfer, Messing, Tombak etc.



Richard Beuttner & Co., Zürich

Einziges Spezial-Geschäft für
Blattgold & Bronzen · Pinzel & Schwämme

Mannheimer Eisengiesserei u. Maschinenbau A.-G. Mannheim

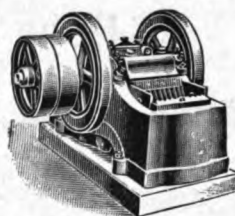
Gegründet 1863.

Goldene Medaille
Paris 1900

Vollkommenste Brechmaschine der Gegenwart!

Steinbrecher

mit unseren patentierten



Ideal-Brechbacken

für Vor- und Fertigbruch, sie erhöhen die Leistungsfähigkeit, vermindern den Kraftverbrauch, sichern gleichmässiges Brechgut.
Wir liefern die Ideal-Brechbacken in
Hartstahl und Hartguss
für jede Steinbrechmaschine.

Vertreter für die Schweiz:

H. von Arx & Co., Ingenieur-Bureau, Zürich, Seideng. 13.



Heinrich Brändli, Horgen Asphaltgeschäft

übernimmt:

Asphalt-Arbeiten, Asphalt-Isolierungen,
zweckentsprechend für Hoch- und Tiefbauten in nur
bewährter fachgerechter Ausführung und gewissenhafter
Bedienung mit Garantie. ☐ Referenzen zu Diensten.

Telegr.: Heinrich Brändli, Horgen. Telephon.

Accumulatoren

für alle Zweige der Industrie:

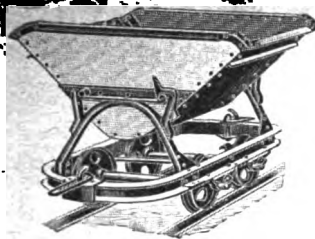
für Zentralen, Fabriken, Private, Laboratorien,
Automobile, Schiffe, Waggonbeleuchtung usw.

liefert

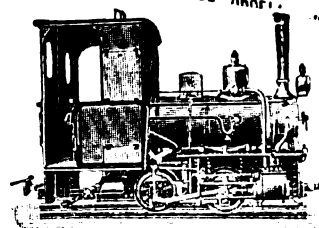
Accumulatoren-Fabrik Oerlikon

in OERLIKON bei Zürich.

Bureau für die Westschweiz: LAUSANNE, Chemin Vinet 29.



Strasse 4 (Theaterstrasse)
Lieferung von
 Schienen, Gleisen, Weichen, Drehscheiben,
 Wagen, Lokomotiven, Ersatzteilen aller Art.
Trocken- und Nassbaggern.
Vermietung von Reilbahnen.
Projektlung und Bau von normal- und
schmalspurigen Anschlussgleisen.



Gesellschaft der L. v. Roll'schen Eisenwerke, Gerlafingen. Werk: **Giesserei Bern** in Bern.

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Telephon 1066.

Briefe und Telegramme: Giesserei

Einziger „Grand Prix“ an der Internationalen Ausstellung Mailand 1906 und „Grand
 der Internationalen Ausstellung der Anwendungen der Elektrizität in Marseille 190
 Seilbahnen und Zahnstangenoberbau.

Spezialfabrik für

Hebezeuge.

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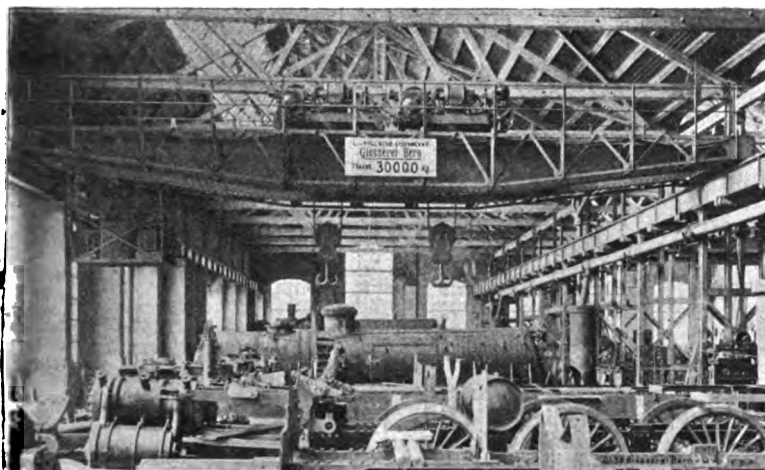
Dreh- und Bockkrane, mit Hand- oder elektris
 Betrieb, feste und fahrbare.

Warenaufzüge für hydraulischen, Transmiss
 oder elektrischen Betrieb.

Förderwinden für Hand-, Transmissions-
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 und Walzenwehre.**



Nähere Angaben und Projekte, sowie Referenzen stehen zu Diensten.

Gewerkschaft Grillo, Funke & Co.

Gelsenkirchen-Schalke

Siemens-Martin-Stahlwerk, Blechwalzwerk, Wellrohrwalzwerk, Wassergas-Schweisswerk

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geschweisste Rohre

von 450 mm Durchmesser bis zu den grössten Weiten und in Wandstärken bis zu 40 mm für
 Dampf-, Wind-, Gas-, Wasser-, Kanalisationen-, Dücker- und Turbinen-Leitungen.

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 TRETER unserer Abteilung „Wassergas-Schweisswerk“ ist Herr Ingenieur J. Aumund, Zürich.
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Aktiengesellschaft vormals

Joh. Jacob Rieter & Co., Winterthur

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neuester Konstruktion und höchstem Nutzeffekt für alle
 vorkommenden Verhältnisse.

Präzisions-Regulatoren mit mechanischer u.
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Spezialität:
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Beton- Mischer

Ueber 450 Maschinen
 geliefert.

+ Patent 22789
 mit aufmontierter Dampf-
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... für Beton u. Eisenbetonbau
 Probenummern kostenfrei
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M. Kreutzmann

Rämistr. 37

ZÜRICH

Buchhandlung für Architektur
 und Kunstgewerbe.

Zeichnungswerke

für das Baufach, die
 Textilbranche, sowie für

jedes

Gewerbe Mal u. Zeichen-
 Vorlagen für Schulen
 und Private. Bücher
 für Bau u. Einrichtung
 von Villen und kleinern
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 Garten-Architektur und
 künstlerische Garten-
 gestaltung etc. etc.
 Auswahlsendungen.
 „Künstler-Bilderbücher.“

==== Telephone. ====



Präzisions-Feder-
 Regulator.

Schäffer & Budenberg, G. m. b. H., Filiale Seebach bei Zürich

Maschinen- und Dampfkessel-Armaturen-Fabrik. Post- u. Bahnstat. Oerlikon
 liefern

Ventile, Hähne, Regulatoren, Sicherheitsventile und
 -Apparate, Wasserstände, Injektoren, Elevatoren, Pumpen,
 Indikatoren, Manometer, Vacuummeter, Thermometer,
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 ableiter, Wasserstandsgläser, Waagen, Dampfmesser,
 Zugmesser, Schmier-Apparate u. a. m.

Kataloge und Prospekte auf Verlangen.

Patentanwalt — —
H. L. SIEBENECK
 ZÜRICH I, Sonnenquai 10 (Zürcherhof)

LUXFER-PRISMEN erhellen dunkle Räume durch
TAGESLICHT

Kellerbeleuchtung durch Einfalllichte.

Für bestmögliche Lichtausnützung verlange man kosten-
 lose Voranschläge.

Feuersichere Fenster aus Elektroglass.

Alleinvertreter:

Rob. Looser, Zürich V.

Kreuzplatz Nr. 1.

Telephon Nr. 652



Wilh. Baumann

Rolladenfabrik

Horgen (Schweiz).



Holzrolladen
 aller Systeme.

Rolljalousien,
 automatisch.

Roll-
 Schutzwände
 verschiedener
 Modelle.

Verlangen Sie Prospekte.

AUSFÜHRUNG FEINER METALLARBEITEN

:: :: Schmiedeeisen, Messing, Kupfer etc., :: ::
 geschmiedet, gehämmert, getrieben, ziseliert

WERKSTÄTTEN RIGGENBACH, BASEL.



CENTRALHEIZUNGEN

Jeden Systems

Etagenheizungen

Warmwasser-, Trockne-, Badeeinrichtungen
sowie **Sanitäre Anlagen**

erstellt die Firma

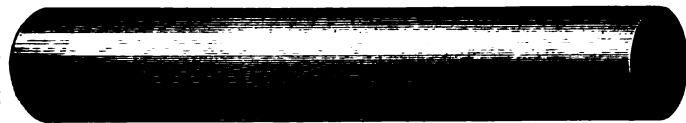
Hch. Borchtold's Erhon

Thalwil bei Zürich

Gegründet 1859

➔ **Vorzügliche Atteste und Referenzen.** ➔

**la Comprimierte & abgedrehte, blanke
STAHLWELLEN**



Montandon & Cie. A.G. Biel

Blank und präzis gezoogene



Profile

jeder Art in Eisen & Stahl.

Kaltgewalzter blanker Bandstahl bis 180 mm Breite

Blind & Cie., Oberrieden-Zürich

Fensterfabrik und Mech. Schreinerei

empfehlen sich zur Uebernahme sämtlicher Glaser- und Schreinerarbeiten.

Grösste Leistungsfähigkeit — la Referenzen — Telefon Morgen

Zerkleinerungsmaschinen
Müllerei-Anlagen
jedes Maasses jede Feinheit
Inklusive neuester Konstruktionen.
Spezialfabrik für Zerkleinerungs- und
Transport-Anlagen.
Holzhäuser-Masch.-Fbk.-Gesellsch. Augsburg.
Vorzugung wird vergeben, wo nicht vorhanden.

„Porpox“ Aborsi.
In kurzer Zeit ver-
besserte Mähmaschine!
Patent. f. all. Kulturst-
überreichte Leistun-
Universal-Mühl-
Unübertroffene Mäh-
Holzhäuser-Masch.-Fbk.-Gesellsch. Augsburg

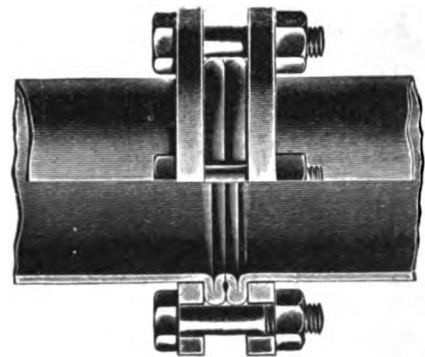
Ausserst niedrige Anlage- und Betriebskosten.

Deutsch-Oesterreichische Mannesmannröhren-Werke Düsseldorf

liefern:

Düsseldorf 1902:

Goldene Staats-Medaille.



Düsseldorf 1902:
Goldene Ausstellungs-Medaille.

Rohrleitungen für Hochdruck

aus nahtlosem Mannesmann-Stahlrohr
mit patent. Doppelbördel-Flansch-Verbindung
und anderen Verbindungsarten.

Grosse Längen. — Höchste Betriebssicherheit.

Vertreter: Alf. Diener & Cie., Zürich

Ed. Züblin & Co.

Basel und Strassburg i.E.

Ingenieurbureau und Unternehmung

Eisenbetonbau

Hoch- und Tiefbauten aller Art

Spezialität:

Eisenbetonpfahl - Gründung

Spundwände, Quaimauer

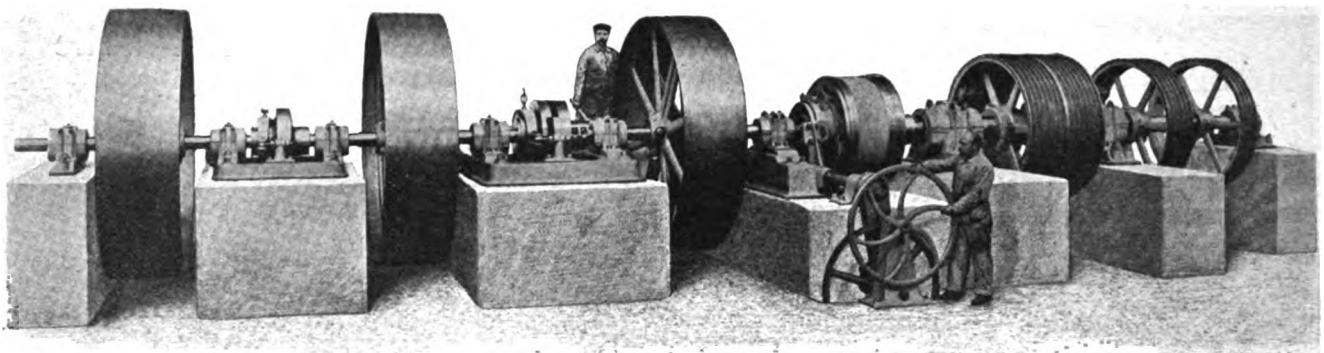


Gründung der Bahnsteighallen auf dem neuen Bahnhof
in Mannheim, in Neigung gerammt.

Bis Mai 1908 über 100 000 laufende Meter Beton-Pfähle
für Staats-, Eisenbahn und Kommunalbauten gerammt.

TRANSMISSIONEN

Komplette Anlagen für alle Industriezweige.

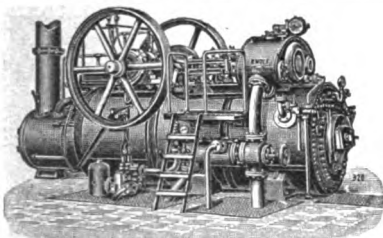


Hauptantrieb 600 P.S. mit 2 Zahnkupplungen und 1 Benn-Kupplung Nr. 12, geliefert in eine Zementfabrik.

Schwere Transmissionen für Zementfabriken, Ziegeleien etc.

GESELLSCHAFT der L. von ROLL^{SOHEN} EISENWERKE
EISENWERK CLUS.

Berlin 1907: Goldene Medaille und Ehrenpreis.



R. WOLF Magdeburg-Buckau.

Vertreter: **W. Thiele, Zürich.**

Fahrbare u. feststehende Sattdampf- u. Patent-

Heissdampf-Lokomobilen

bis zu 600 Pferdestärken.

Wirtschaftlichste Wärme-Kraftmaschinen der Gegenwart.

Einfache Bedienung. Unbedingte Zuverlässigkeit. Hoher Kraftüberschuss. Gleichmässiger, geräuschloser Gang. Verwendung jeden Brennmaterials. Verwertung des Dampfes für Heiz- und Betriebszwecke.

Zentrifugalpumpen für grosse und kleine Förderhöhen.

Gesamterzeugung: 600 000 Pferdestärken

Uni **Linoleum**
 Bedruckte **Linoleum**
 Granit-**Linoleum**
 Inlaid-**Linoleum**
 Kork - **Linoleum**

empfehlen in den fabrizierten Stärken zu billigsten Preisen per ☐ m, fertig verlegt von geschulten Fachleuten.

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Jelmoll S.A.
Zürich.

(Persönliche oder schriftliche Offerte auf Wunsch sofort zur Verfügung.)

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sicheres Mittel gegen **Hausschwamm.**

• • • Farbenfabriken • • •

vorm. **Friedr. Bayer & Co., Elberfeld.**

Generalvertreter für die Schweiz:

Basel: **Paravicini & Cie.;**

Depôt: Zürich; **Ed. Meyer, Ecke Lang- u. Bäckerstr. 98.**

Prospekte und Gebrauchsanweisungen stehen jederzeit gerne zu Diensten.

Krefelder Stahlwerk Akt.-Ges.

Filliale Zürich

Kontor und Lager: Sihlquai Nr. 65. Telefon Nr. 7930

empfiehlt seine anerkannt guten

Stahlqualitäten

für Handmeissel, Schrotmeissel, Steinbohrer auf weiches, mittleres und hartes Gestein, rund und 8-kantig. 8-kantigen Stahl für Spitzbohrer, Schweisstahl.

Das Zürcher Lager ist mit allen gangbaren Dimensionen reichlich versehen.

A.-G. Alb. Buss & Co., Basel

Gesellschaft für Eisenkonstruktionen, Wasser- und Eisenbahnbau.

Abteilung: Brückenbau, Kesselschmiede, Mechanische Schlosserei.

Werkstätten in Basel, Pratteln und Mäland.

Brücken — Stege — Krananlagen — Hochbaukonstruktionen — Leitungsmaste, Stauwehr-, Schleusen- und Rechenanlagen.

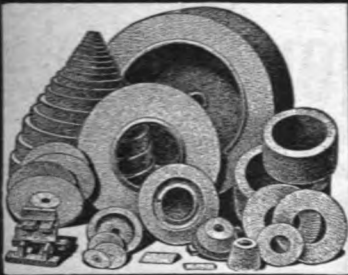
Unterbau für schwimmende Badeanstalten — Reservoirs — Verdampfungsanlagen

Vorwärmer und Reiniger eigenen Systems mit grösstem Nutzeffekt.

Oberlichte, eiserne Fenster und Tore, Rollwagengarnituren, Pressartikel etc.

Reparaturen. — Kostenberechnungen und Prospekte.

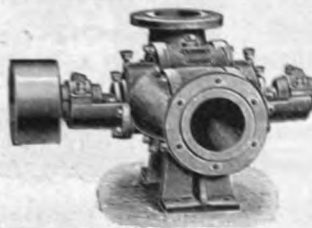
Schmirgelscheibenfabrik Winterthur Bölsterli & Co



Erstklassige Referenzen
von Weltfirmen.

Zentrifugalpumpen

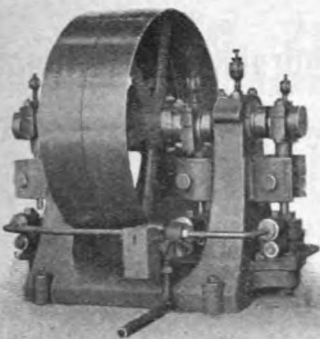
mit Riemenscheibe in spezieller Bauart für Baubetriebe
bis 250 mm Rohrweite stets fertig auf Lager.



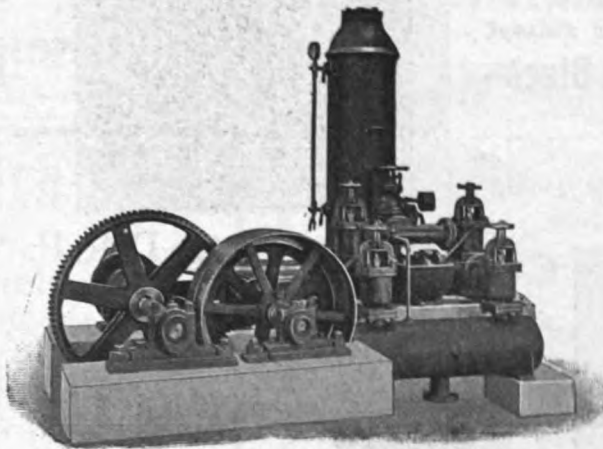
Menck & Hambroch
G. m. b. H.

Altona-Hamburg 32.

Aktiengesellschaft der Maschinenfabrik von Louis Giroud in Olten



Pumpen



Kolbenpumpen für jede Druckhöhe, als Fabrikpumpen und zur Wasserversorgung von Villen, Hotels und ganzer Ortschaften. **Hochdruck- und Presspumpen** für Drücke bis 200 und mehr Atmosphären, eventuell in Verbindung mit Accumulatoren. **Zentrifugalpumpen**, hauptsächlich für Bauzwecke, **Hochdruck-Turbinenpumpen** für Riemenantrieb oder direkten Antrieb durch Elektromotoren. **Rotationspumpen, Schraubenpumpen** für Handbetrieb.

Für Gaswerke:

Aktien-Gesellschaft für Glasindustrie

vorm. Friedr. Siemens **Chamottefabriken**

in Wirges (Westerwald)
und Bad Nauheim.

Dresden.

Feuerfeste Produkte jeglicher Art, Chamotte- u. Dinas (Silica)-Steine, feuerfeste Mörtel u. Tone; Façonsteine aller Art für Hochöfen, Winderhitzer, Koks-, Kupol-, Glüh-, Schweiss-Oefen etc., für Konverter, Stahl- und Roheisen-Pfannen, für Ring-, Schacht- und andere keramische Brennöfen, für Wasserglaswannen, Kesseleinmauerungen, Lokomotiv-Schirmsteine etc. etc.

Ausgüsse, Stopfen, Trichter, Kanalsteine etc.; Re-
poröse Steine für Heisswindleitungen, Schiffskessel etc.

Säurefeste Steine, -Zylinder, -Rohre, -Platten,
:: :: -Pfeiler etc., glasiert und unglasiert. :: ::

Chamottemörtel, Dinasmörtel, Schweissand, Zement.

A. W. FABER'S "CASTELL"-Bleistift

der beste der Gegenwart.



16 fein abgestufte Härtegrade.

Feinste Spitze. Grösste Zartheit des Striches.

Geringste Abnützung, daher längste Dauer.

A. W. FABER'S "CASTELL"-Kopierstift

der beste der Gegenwart.

Zu haben in den Schreib-
und Zeichenwaren-Handlungen.

Bleistiftfabrik A. W. FABER in Stein bei Nürnberg, gegründet 1761.

A. RIEBER, Maschinenfabrik, Reutlingen (Württembg.)

Fernsprecher Nr. 46.

Gegründet 1879.

Telegr.-Adr.: Rieber, Reutlingen.

Pillalen in Frankfurt a. M., Taunusstrasse 44 und Lörrach in Baden.

Autogen
geschweisste

DAMPFHEIZUNGSRÖHREN

u. Façonstücke
in allen Dimensionen.

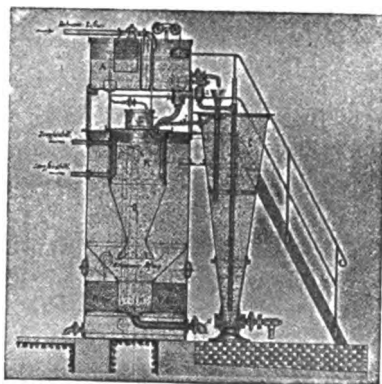
Wasser-Reinigungs-
für Nutz-

Zentralheizungen

für Niederdruck, Mitteldruck und Abdampf.

Autogen geschweisste Blech-
arbeiten.

Feder-Bogen, D. R. G. M. Nr. 284150.



und Filter-Anlagen
und Abwässer.

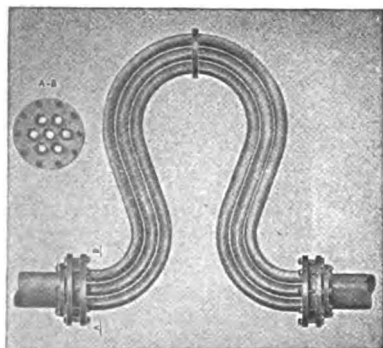
Schlauchwasch-Apparate

D. R. G. M. Nr. 291197.

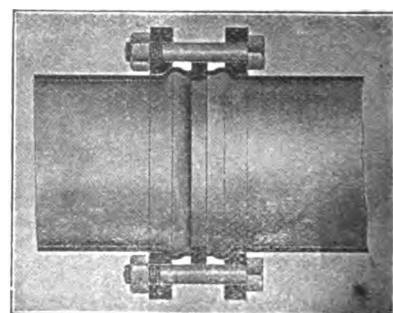
Hochdruck-Rohrleitungen

mit
Flaschenverbindungen
„System Rieber“.

Färbe-Apparate D.R.P.



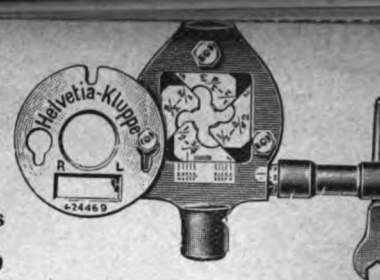
Autogen
geschweisstes
Façonstück.



Schluss-Termin für Annahme von Inseraten jeden Mittwoch Abend.

SCHUCH, HUBER & CO., Zürich II.

Alleinverkauf der pat. Universal-Gewinde-Schneidkluppe Helvetia.
System Meiselbach. Unübertroffen. Für Gas-, Whitworth- und S. J.-Gewinde gleich vorteilhaft. Autom. Gewindeschneidmaschinen desselben Systems für Massenfabrication.
In 5 Jahren über 7000 Kluppen und 200 Maschinen verkauft.



Spezialitäten in erstklassigen Werkzeugen für Gaswerke, Heizungsfabriken, Installateure, Mechaniker, Schlosser, Schmiede, Spengler etc.
Spiralbohrer Marke „NOVO“ — Werkzeugstähle — Nahtlose Stahlrohre
Alleinverkauf der Luftdruckhämmer System Bêché! Grösster Nutzeffekt!
Kugellager S. R. O.
Spezialkataloge auf Wunsch zu Diensten. Grosses Lager.



Transportable, elektrische Staubsaugapparate

„GNOM“

Stationäre

Entstaubungsanlagen

mit Trockenfilter oder Staubabschwemmung für Etagen und ganze Häuser.

Kostenanschläge auf Verlangen.

F. & C. Ziegler
— Schaffhausen. —

Thonwerk Biebrich A.-G.

Chamottefabrik
Biebrich am Rhein.

Hochfeuerfeste u. säurebeständige Produkte.

Normal- und Façonsteine aller Art, Chamottemörtel, Retorten, Muffeln etc. Bau kompletter Ofenanlagen.
Beste Referenzen und Zeugnisse aus der Schweiz.

Rudolf Mosse, Zürich alleinige Inseraten-Annahme für die Schweizer. Bauzeitung.



J. Walser & Co. Winterthur.

Spezialgeschäft für
**Hochkamine und
Feuerungsanlagen**
Kesseleinmauerungen jeden Systems
Ofenbauten

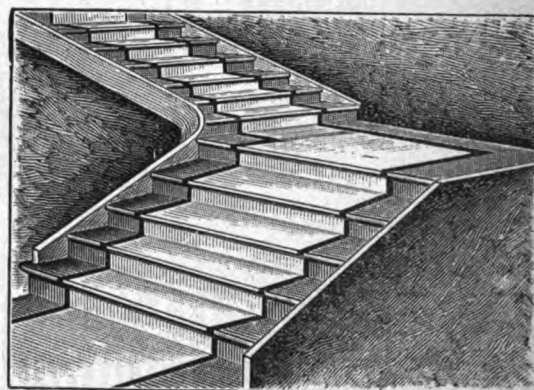
für alle industriellen Zwecke.

Reparaturen u. Umbauten
Beständiges Lager in feuerfesten Materialien
Gewissenhafte Ausführung. Ia. Referenzen
Projekte und Offerten kostenlos.

Vereinigte Xylolith- und Kohlensäurewerke A.-G. WILDEGG

✚ Patent Nr. 9080

Treppenstufen aus Xylolith für Belag von



eisernen Treppen, hölzernen und Betontreppen;
Wendeltreppen; abgelaufenen Sandsteintreppen.
Grosse Standsicherheit, feuersicher, grösste Solidität.
Unlsfarben oder mit gefärbtem Treppenläufer.
Einzig in der Schweiz bis jetzt ca. 200 000 m² Böden und zirka
10 000 Treppenstufen gelegt.

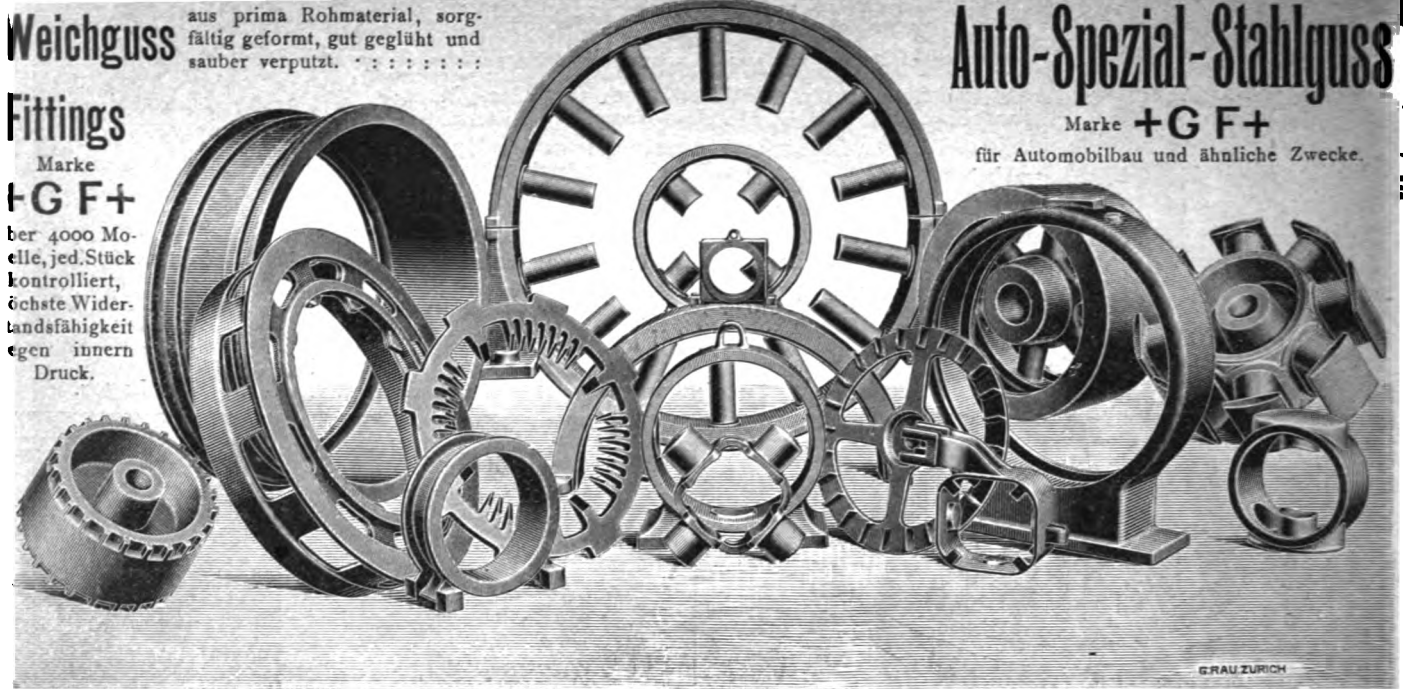
Weichguss

aus prima Rohmaterial, sorgfältig geformt, gut gegläht und sauber verputzt.

Fittings

Marke
+G F+

über 4000 Modelle, jedes Stück kontrolliert, höchste Widerstandsfähigkeit gegen innern Druck.



Auto-Spezial-Stahlguss

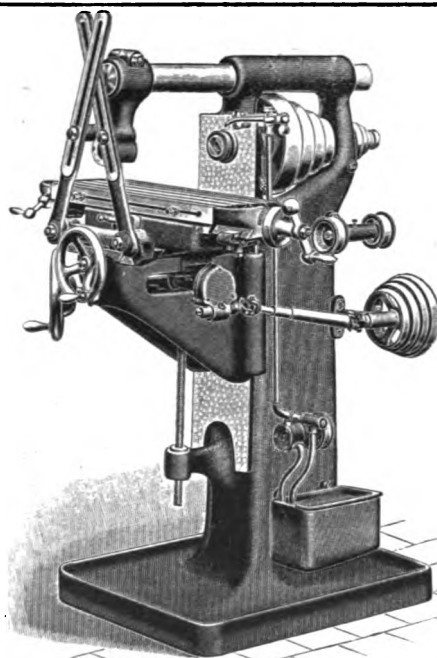
Marke **+G F+**
für Automobilbau und ähnliche Zwecke.

Stahlguss - Stücke

für den Bau von:

Lokomotiven, Waggons, Dynamos, Motoren, Dampfmaschinen, Dampfturbinen, Kranen, Werkzeugmaschinen, Turbinen, Pumpen, Brücken, Schiffen, Transmissionen, für hydraulische, pneumatische und Dampf, Anlagen, für die Ziegelei, die Zement- und die chemische Industrie für Hammer- und Walzwerke, für Kesselschmieden etc. etc. etc.

Unser Stahlguss ist leicht zu bearbeiten, zuverlässig und dabei sorgfältig geformt und gut verputzt, sein Härtegrad wird dem jeweiligen Verwendungszweck der Abgüsse angepasst.



EINFACHE FRÄSMASCHINE
Nr. 1 MIT VORSCHUBWECHSEL
:: DURCH STUFENSCHLEIBEN ::

EINFACHE PLAN-, UNIVERSAL-
& VERTIKAL-FRÄSMASCHINEN
SOWIE AUTOMATISCHE RÄDER-
:: :: FRÄSMASCHINEN :: ::

WANDERER-FRÄSMASCHINEN DER WANDERER-WERKE A.-G.

LAGER!

VERTRETUNG FÜR DIE SCHWEIZ:

LAGER!

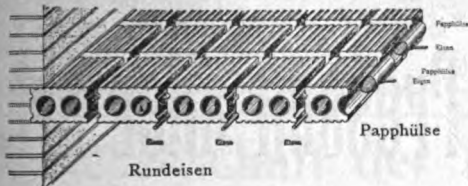
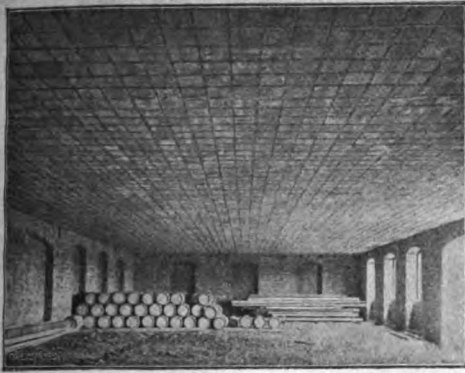
W. WOLF, Ingenieur, vorm. WOLF & WEISS, ZÜRICH I, BRANDSCHENKESTRASSE No. 7

Trägerlose Hohlsteindecke (System Bremer - Westphal)

✚ 25593

Billigste und leichteste Massivdecke.

✚ 25593



Grosse Tragfähigkeit bei geringer Konstruktionshöhe.

Einfache und rasche Ausführung.

Durchgehende Hohlräume, deshalb schalldämpfend und wärmeisolierend.

Elastisch, kein Seitenschub.

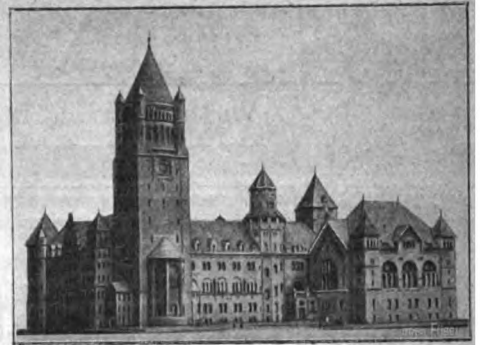
Feuersicher
Schwamm- und Ungezieferfrei.

Sehr hygienisch.

Besonders vorteilhaft für:

Schulen, Krankenhäuser, Wohn- und Geschäftshäuser, Fabriken etc. etc.

Abgabe von Unterlizenzen.



Kgl. Residenzschloss in Posen.
Enthaltend 14 000 m² Hohlsteindecken.

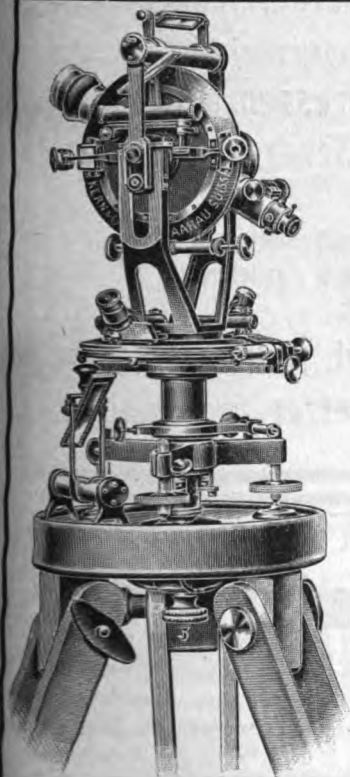
Lizenzinhaber für die Ostschweiz:

= G. Hess & Co., Zürich. =

— Für die Nordwestschweiz: —

Gysin & Maisenhölder, Basel.

In den letzten fünf Jahren bereits über 600 000 m² in Deutschland, Frankreich, Belgien, Schweden, Russland, Oesterreich, England, Amerika etc ausgeführt.



Mathematisch-mechanisches Institut Kern & Co., Aarau

Gegründet 1819

Gegründet 1819

Vollständig der Neuzeit angepasstes, mit Werkzeug- und Arbeitsmaschinen erster Marken
— neu ausgerüstetes Etablissement. —

Erstklassige Instrumente für Topographie, Geodäsie u. Astronomie, Präzisions-Nivellierinstrumente u. Miren.

Feinste Schweizer. Präzisionsreisszeuge
mit erprobten patentierten Neuheiten. Alle
— Zirkel mit Kopfgriffen. —

Sämtliche Produkte sind eigenes Fabrikat und nach den letzten wissenschaftlichen und technischen Anforderungen
— ausgeführt. —

20 erste Auszeichnungen.

Telegramme:

Kern, Aarau.

Telephon.

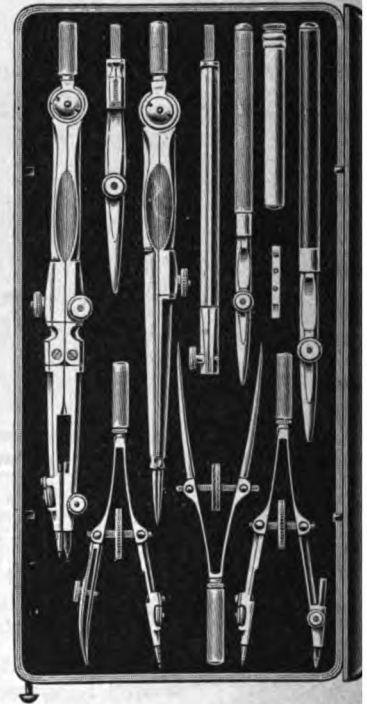


Fabrikmarke.

Grand Prix Paris 1889.

Grd. Prix Mailand 1906.

Spezialkataloge.



KESSELSCHMIEDE RICHTERSWIL

Dampfkessel aller Systeme.

Bleischweissarbeiten.

Flammröhren, Feuerbüchsen, Dome, Stutzen, Windkessel, Braupfannen, Seifenkessel, Zirkpfannen, Bouilleurs etc.

Reservoirs, Blechröhrleitungen.

Spezialität: Hochdruck-Röhrleitungen für Wasserkraftanlagen.

Brücken- und Eisenkonstruktionen.

Apparate für diverse Industrien.

Material aus anerkannt nur erstklassigen Hüttenwerken. Sorgfältigste Arbeit, prompte Bedienung.



Heinrich Lanz :: Mannheim

Patent-Heissdampf-Lokomobilen mit Ventilsteuerung „System Lentz“ sind anerkannt die einfachsten und wirtschaftlichsten Lokomobilen der Gegenwart.

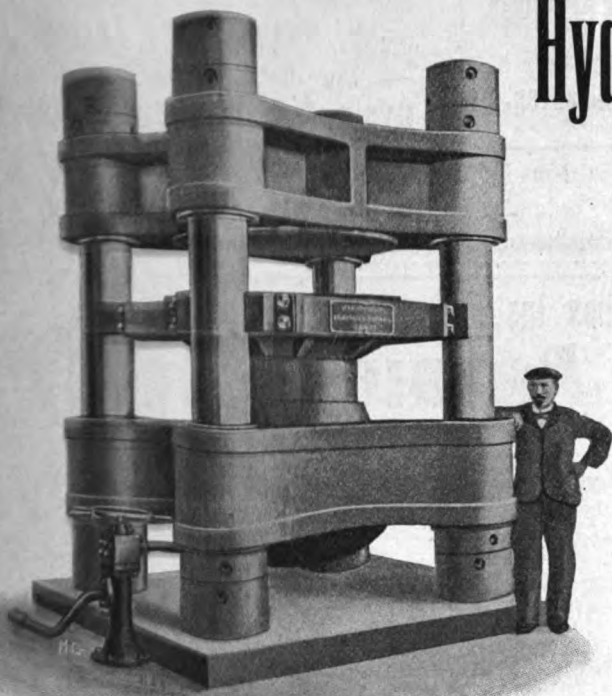
Verkaufsbureau für die Schweiz: Zürich, Auf der Mauer Nr. 13.

Aktiengesellschaft St. Georgen

Maschinen-Fabrik in Zürich, Hardstrasse 219

baut als Spezialität:

Hydraulische Pressen aller Art.



Prägepressen für Gesenk- und Schmiedearbeiten.
 Börtelpressen. ☐ Kollektorpressen.
 Bleidrahtpressen. ☐ Räderaufziehpressen.
 Plattenpressen für Isolationsmaterial. ☐☐☐☐☐
 Warenpressen. ☐ Münzpressen. ☐ Massel-
 brecher und Scheren. ☐☐☐☐☐☐☐

In einem Jahr für einen Gesamtdruck
 von 6,500,000 kg geliefert.

Pumpwerke. ☐ Hydraul. Akkumulatoren.
 ☐☐☐☐☐☐☐ Druckübersetzer. ☐☐☐☐☐☐☐

Gold. Medaille Zürich 1894

Gysel & Odinga vorm. Brändli & Cie.

Telegramme: Asphalt Horgen

Asphalt-Fabrik Käpfnach in Horgen

Telephon

Holzzement-, Dachpappen- und Isoliermittel-Fabrik

Telephon

empfehlen sich für Spezialitäten: Asphaltarbeiten aller Art, wasserdichte Isolierungen, Trockenlegung feuchter Lokale, Asphaltterrassen mit u. ohne Plättlibelag, Holzpflasterungen, Holzzementbedachungen, Konkurrenzpreise. Parquets in Asphalt. Weitgehende Garantie.

Sensationelle Erfindung (Patent)!

Der neue amerikanische

Beton-Mischapparat „Smith-Milwaukee“

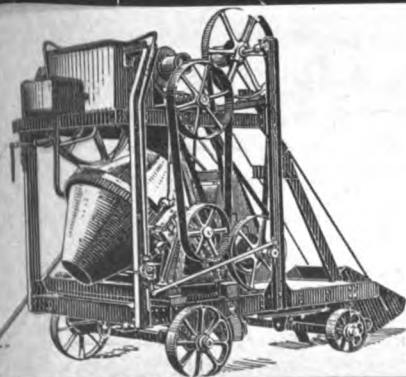
übertrifft an Leistung u. Einfachheit der Konstruktion alles bisher in dieser Richtung Gebotene.

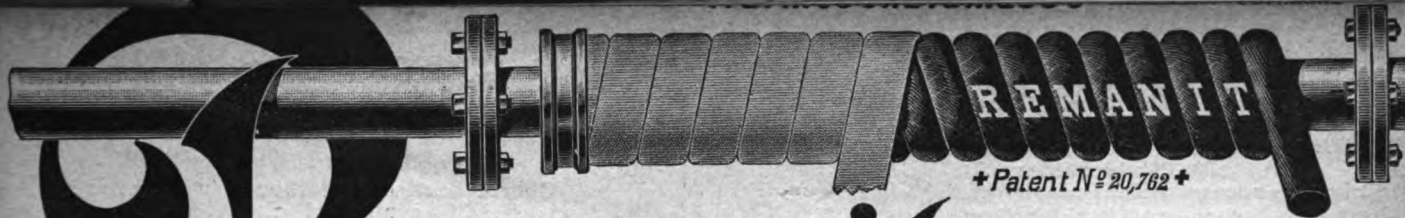
Allein-Fabrikanten für Deutschland und angrenzenden Ländern:

DRAISWERKE G. m. b. H., Mannheim - Waldhof.

Interessenten belieben sich an unsern Generalvertreter für die Schweiz:

Fritz Marti, Aktiengesellschaft in Bern, zu wenden.





Remanit

Bestes Isoliermaterial

erzielt über 90% Nutzeffekt!

Remanit besteht aus karbonisierten Seiden-Zöpfen, -Polstern und -Decken

Remanit ist unerreicht als Isoliermittel für:

Zentralheizungs- u. Warmwasser-Anlagen
Kaltwasser-Leitungen

gegen Wärme-Verluste
gegen Einfrieren u. Schwitzen.

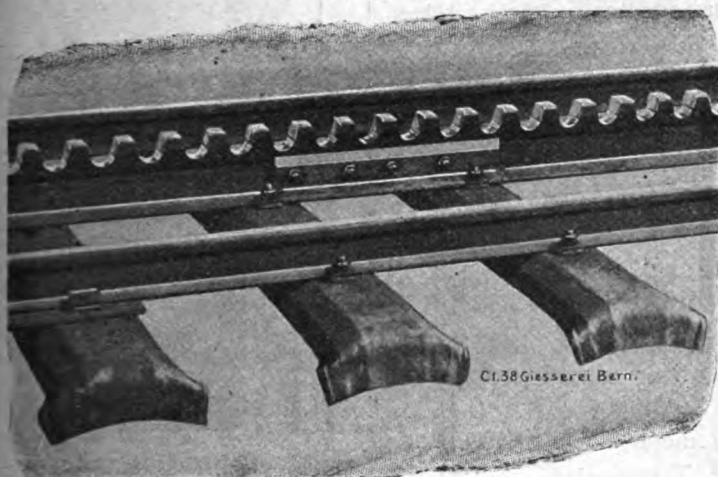
General-Vertretung
und Depot:

WANNER & C^{ie}, HORGEN

Ausführung jeder Art Isolierungen durch eigene Facharbeiter.

Erstes Fachgeschäft für maschinentechnische Isolierungen.

Gesellschaft der L. v. Roll'schen Eisenwerke, Gerlafingen.
Werk: **Giesserei Bern** in Bern.



Konstruktionswerkstätten.

Telephon 1066. Briefe und Telegramme: Giesserei B
Einziges «Grand Prix» an der Internationalen Ausstellung Mailand 1904
«Grand Prix» an der Internationalen Ausstellung der Anwendungen
Elektrizität in Marseille 1908 für **Seilbahnen u. Zahnstangenoberbau**

Spezialfabrik für Bergbahnen:

Seilbahnen und Zahnradbahnoberbau.

Seilbahnen mit Wasserballastbetrieb, und namentlich
elektrischem Betrieb mit patentierten Bremsen eigene
Systems.

Seit 1898 **52 Seilbahnen** ausgeführt oder im Bau.
Zahnstangenoberbau mit Zahnstange Strub, Leiterzahnstange
und andere.

Andere Spezialitäten der Firma.

Eisenbahnmaterial, Hebezeuge, Schleusen- und Walzenwerke

Nähere Angaben und Projekte, sowie Referenzen stehen zu Diensten.



Anerkannt beste

Dynamit-Sorten

für alle Sprengzwecke

sowie

Zündschnüre und Kapseln

liefert

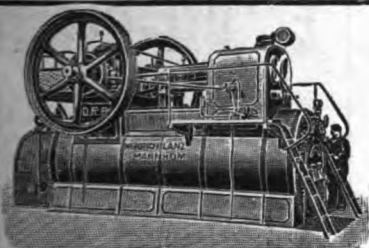
Dynamit Nobel, A.-G., Zürich

Fabrik in Isleten (Uri).

Mythenstrasse 21

Dépôts in der ganzen Schweiz.

Telephon 3623



Heinrich Lanz :: Mannheim

Patent-Heissdampf-Lokomobile mit Ventilsteuerung „System
Lentz“ sind anerkannt die einfachsten und wirtschaftlichsten
Lokomobile der Gegenwart.

Verkaufsbureau für die Schweiz: Zürich, Auf der Mauer Nr. 13.

Digitized by Google

Mack (Marke und Name patentamtlich geschützt.)
Ein Anstrich genügt für jeden Untergrund.
 Mit 1 kg deckt man 10–15 Quadratmeter.
 Mackeln kann mit Wasser sofort strichfertig gemacht werden.
 Mackeln verträgt bis zu 30% Mischfarben oder 60% Kreidezusatz.
 Niederlagen an allen grösseren Plätzen Deutschlands weisen nach:
 Vereinigte Farben- und Lackfabriken, G. m. b. H.,
 vorm. Mack & Cie., Strassburg-Rheinhafen.



Der Idealist in allen Dingen.
 Ersparnis an Material, Zeit und Geld.
 Garantie für rasche, tadellose und haltbare Arbeit.
 Misserfolg ausgeschlossen!
 Vollkommenster und billigster Ersatz für Leimfarbe.
 Alleinverkauf für die Schweiz:
 Chürer Lack- und Farben-Fabrik in Basel.
 Preis Fr. 30 per 100 Kg. B. f. N. ab Basel.
 NB. Prospekte mit Gebrauchsanweisung u. Zeugnissen zu Diensten.

EUBÖÖLITH

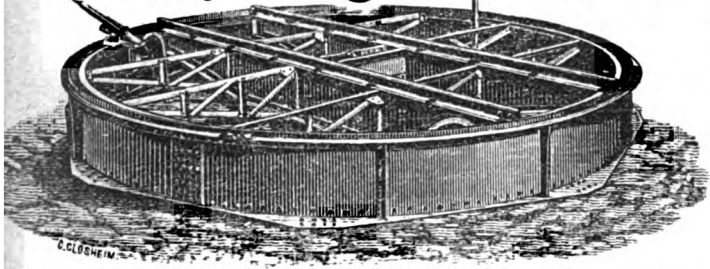
Bester Boden für Fabriken, Schulen, Spitäler

■ ■ ■ ■ ■ und Geschäftshäuser ■ ■ ■ ■ ■

Euböölith-Werke (Emil Séquin)

Olten.

Joseph Vögele Mannheim



liefert seit 1842:
 Welchen jeder Bauart und Spur-
 weite für Haupt- und Nebenbahnen;
 Federzungenwelchen, Patent Bo-
 chumer Verein.
 Herzstücke; Kreuzungen;
 Drehschellen und Schlebebahnen
 für Lokomotiven und Wagen, mit
 Hand-, Dampf- und elektr. Antrieb.
 Rangierwinden, Spills, elektr. an-
 getrieben,
 Stellwerke, Schlagbäume.

Vertreter für die Schweiz:
W. Wolf, Ing., Zürich.

chäffer & Budenberg, G. m. b. H., Filiale Seebach bei Zürich
 Maschinen- und Dampfkessel-Armaturen-Fabrik, Post- und Bahnstation Oerlikon

liefern

Ventile, Hähne,
 Regulatoren,
 Sicherheitsventile und
 -Apparate, Wasserstände,
 Injektoren, Elevatoren,
 Pumpen, Indikatoren,
 Manometer,
 Vacuummeter,



Zugmesser.

liefern

Thermometer,
 Zähler, Tachometer,
 Absperrschieber,
 Kondenswasserableiter,
 Wasserstandsgläser,
 Wagen,
 Dampfmesser, Zugmesser,
 Schmierapparate u. a. m.

Kataloge und Prospekte auf Verlangen.

Holenbrunner Mosaikplatten

Holenbrunn in Bayern

härtester und dauerhaftester Bodenbelag.

Spezialität: **Granit-Mosaikplatten**

unübertroffener Bodenbelag für grosse Räume: Kasernen, Krankenhäuser, Bahnhöfe, Kirchen,
 Schulen, Maschinenhäuser, Schlachthof-Anlagen, Fabrikräume, Bürgersteige etc. etc.

Zement u. Beton
 Angesehenste Wochenschrift
 für Beton u. Eisenbetonbau
 Probenummern kostenfrei
 Berlin N.W. 21. Dreyesstr. 64.

Fahrbare Universal- Dampfwinden

für
 Rammen und Kräne,
 auch als
 Lokomobile,
 Fördermaschine,
 etc.



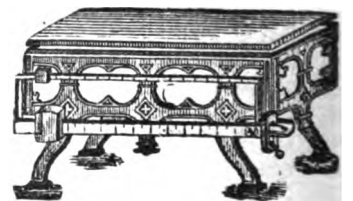
**Elektrische
Bauwinden,**
 fahrbar
 und feststehend.

Fertig auf Lager.

Menck & Bambrock

G. m. b. H.

Altona - Hamburg 32.



E. Ott-Peter

Eichmeister

Zürich I
 Linthescherg. 18
 beim Hauptbahnhof.

Patent Erwirkung u. Verwertung
 H. L. SIEBENECK
 ZÜRICH I, Sonnenquai 10 (Zürcherhof)

KUNTZE-RÖHREN

Spezialität: } Turbinen-Rohre in jeder Dimension.
} Rohre für Tunnel-Bauten.
} Rohre für Wasser-Versorgungs-Anlagen.

LINOLEUM

AUF LINOLITH VERLEGT
DER BESTE FUSSBODEN.

BETON

LINOLITH-GESELLSCHAFT
PROSPECT ZÜRICH I GRATIS

T. Tourtellier & Fils, Mülhansen (Els.)



Hängehehnen neuester Konstruktion.

Alleinvertreter: E. SPELTZ-BRUNNER, NETSTAL (GLARUS).

Accumulatoren

**für Zentralen, Fabriken, Private, Laboratorien,
Automobile, Schiffe, Waggonbeleuchtung usw.**

Hefert

Accumulatoren-Fabrik Oerlikon

in OERLIKON bei Zürich.

Büro für die Westschweiz: LAUSANNE, Chemin Violet 29.



Palmit a. natth. verborn. stöbl. Kugeln.
Unserreicht **Unserreichtlich**
 ffr. Krsn, Kohle, Phosphat, Zement,
 Schlacke etc.
 (Vertr. u. Wiederverk. hoher Rabatt.)
Holzhuemer Maschinen - Fabrik
 Gesellshoft

Windsepara

Unserreicht in Schritte 4. Aus-
 lung und Schiedungsbühnen
Vorzüglichste Nichtmanc-
 i. Zement, Kalk, Phosphat, Tho-
 schlacke, Gips, Ton, Erze e.
 Masch.-Fbk.-Gesellsch. Augst

Außerst niedrige Anlage- und Betriebskosten.



Edmund Simon, Dresden A

**Die besten Restschutzzinbarben der Gegenwart
sind die wissenschaftlich begründeten und
langjährig bewährten**

■ Durabo-Oelfarben ■

**Marke „G“-Grund-, Marke „B“-Deckanstrich.
Für Haltbarkeit übernehme volle Garantie.**

Durabo - Glangfarbe:

**Hr Melkersten, Bade- und Accumulatoren-
Bäume, Optische Signale, etc. etc. etc.**

Generalvertreter: Ed. Wuthrich & Co., Herzogenbuchholz

Henri Weber, Nachf. v. H. Kiosor, Schloss

Zürich I, Gottfried Kellerstrasse 9.

Telephon 8092



Mehrfach an Ausstellungen prämiert.

Empfehle mich für alle in mein Fach einschlagenden Arbeiten

Tiefbohrungen Rohrbrunnen

nach unserem jahrzehntelang bewährten System.

Volle Erschliessung
wasserführender Erd-
schichten, daher
gr. Ergiebigkeit.

**Ueber 4000 Brunnen
hergestellt.**

Leistungen bis
120 Sekunden - Liter
für Wasserwerke,
Industrien, Brauereien
etc. etc.



U. v. a. hergestellt für:
Basel, Bellinzona,
Gossau, Hausen,
Kölliken, Knutwil,
Luzern,
Rothenthurm,
Waldstatt, Wangen
Winterthur, Worben,
Zurzach, Zürich
etc. etc.

Projekte, Kostenan- schläge auf Wunsch

Bopp & Reuther
Mannheim-Waldhof
Maschinenfabrik.



Basel, Austrasse 10

Ingenieur F. Hetzel.

Glasdächer

Shedfenster, Oberlichtlaternen, Hofüberdeckungen
liefert in bester, längst bewährter kittloser Verglasung,
Blech- und Glasjalousien, D. R. p., Shedri

Julius Lorenz, Stuttgart

Spezialfabrik für Glasbedachungen.
Skizzen und Kostenvoranschläge gerne zu Diensten.
—  Tüchtige Vertreter gesucht,  —

Mathematisch

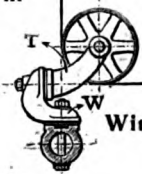
genaue Einstellbarkeit um die Tangenten,
dadurch unbedingt richtigen Riemenlauf,
grosse Ersparnis an Schmiermaterial, ab-
solut sauberen Betrieb, bei geringer
Wartung u. leichter, zuverlässiger Kontrolle

gewährleistet unser

Tangential-Riemenleiter

mit sichtbarem Oelumlaufl

Tangentialarm
T.



Winkelarm W.

Kataloge, Entwürfe, Kostenanschläge
über

moderne Transmissions-Anlagen

durch

32 Blumenrain.

Eisenwerk Wülfel, Filiale Basel.

Telephon 2206.

Düsseldorfer Röhrenindustrie

Düsseldorf-
Oberbilk

empfiehlt

schmiedeeiserne Röhren bis 1200 mm Durchmesser,
gerade und gebogen, 

für Dampf-Leitungen, Wasser-Leitungen, Turbinen-Leitungen, hydraulische Anlagen,
Kondensations-Anlagen etc. mit allen erforderlichen Verbindungen und Formstücken.

Vertreter für die Schweiz: **G. A. Bourgeois-Richter, Ing., Zürich II, Breitingenstr. 5.**

Kittloso Glasdächer

System Eberspächer (Schweizer Patent)

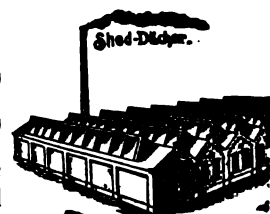
für

Shed- u. Latorneneherlichter
verglaste **Hallen u. Verdächer**

etc. Seit 40 Jahren erprobt; bereits über eine halbe
Million m² verlegt, absolut dicht gegen Regen und
Schnee. Kein Schwitzwasser! empfiehlt



D. R. G. M. — Schweizer. Patent.



D. R. G. M. — Schweizer. Patent.

Martin Keller, Neu-Seidenhof, Zürich.

Prospekte und Zeichnungen kostenlos; auf Wunsch Ingenieurbesuch.

MITOSILO

fugenloser Bodenbelag

aus Kunstholz.

Siebenjährige eigene Erfahrung.

Erstklassige Materialien, sorgfältige Ausführung.

CH. H. PFISTER & Co., BASEL XI.

Maschinen für Sandverwertung

Dr. Gaspary u. Co., MarkKranstädt

Neuer Gesamtkatalog Nr. 140 gratis.

Telegr.-Adr.:
Lux Zürich

Telephon:
1107

LICHTPAUS-ANSTALT

René ORBANN

Ingenieur-Chemiker.

Heliographie Sihlfhofstrasse 27 ZÜRICH I Negrographie

Prompte u. sorgfältige Bedienung

PLANDRUCK

1^a Heliographie- & Pauspapiere
!! MAN VERLANGE OFFERTE !!

Spezialhaus

sämtlicher wasserdichter
Bekleidungsartikel, als:

**Regenmäntel, Tancheranzüge,
Wasserhosen, Grubenjacken,
Pferde- und Wagendecken aus
Kautschuk,
Sämtliches Dichtungsmaterial für
technische Zwecke.**

Preislisten und Voranschläge zu Diensten.

Gummiwarenfabrik

H. Specker's Wwe, Zürich

Kuttelgasse 19, mittlere Bahnhofstrasse.



Avis an die Tit. Inserenten der Schweizerischen Bauzeitung.

Inserate, welche in der nächsten Nummer der „Schweiz. Bauzeitung“ (Samstags) erscheinen sollen, sind bis **spätestens Mittwoch** abend an unterzeichnete Stelle einzuliefern. Später einlangende Inserate können nicht mehr berücksichtigt werden.

Annoncen-Administration der „Schweiz. Bauzeitung“:
Rudolf Mosse, Zürich.



Kontroll-Uhren

Bürk's Patent

Tragbar oder stationär

für Wächter, Wärter, Heizer, Arbeiter etc.

Man verlange Prospekte.

HANS W. EGLI, ZÜRICH II.

Werkstätte für Feinmechanik.

Hydraulische, Beste Referenzen.
Elektrische,
Transmission-
und Hand-

AUFZÜGE

für Personen & Waren

A. MILLOT A-G.

Maschinen-Fabrik
Industriequartier
ZÜRICH

Vereinigte Xylolith- und Kohlensäurewerke H.-G. WILDEGG.

+ Patent Nr. 9080.



**Auf Blindboden aufgeschraubt;
auf Zementbeton in Mörtel verlegt.**

Nach allen Dessins in viereck, rechteck, achteck
und in 3 Farben, Parkett ähnliche Form.

Xylolith feuersicher, warm. Steinholz schalldämpfend, solid.

Muster, Prospekte, Album und Atteste gratis und franko.

**Einzig in der Schweiz bis jetzt ca. 200 000 m²
Böden und ca. 10 000 Treppenstufen gelegt.**

Regensichere Dachlüftung



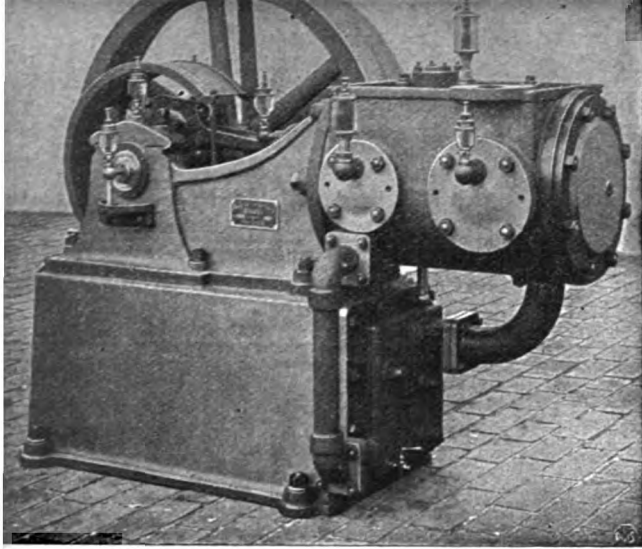
Hürtgenlüfter

Hürtgen, Mönnig & Co



Sternlüfter

Köln-Lindenthal



Kompressoren und Vakuumpumpen

ein- und mehrstufig, mit Dampf-, Riemen- oder elektrischem Antrieb.

Ueber 1500 Maschinen ausgeführt.

Paris 1900: Grand Prix.

Felten & Guillaume-Lahmeyerwerke A.-G.
Abtg. Carlswerk, Mülheim am Rhein.

Draht, Drahtwaren, Drahtseile, Elektrische Kabel.

Vertreter für die Schweiz:

Kägi & Co., Winterthur.

Erste Schweizer. Linoleumfabrik Giubiasco.

Gegründet 1905.

Zürich, Bureau: Bleicherwegplatz 50.

Gegründet 1905.



Spezialitäten in:

**Uni-Linoleum
Granit-Linoleum
Inlaid-Linoleum**

**Kork-Linoleum
Kork-Inlaid-Linoleum
Lincrusta**

Linoleum bis 800 cm Breite lieferbar.

UEHLER & Co., AARAU

Maschinenfabrik, Eisen- und Stahlessereien. ■ Spezialwerk für Transportmittel aller Art.

Fabrik-Geleiseanlagen mit zugehörigem Rollmaterial für die verschiedensten Bedürfnisse der Industrie, speziell auch zum Kohlen- und Schlackentransport.

Eiserne Schubkarren, Kistenkarren und Perronwagen, Stationswagen, Schiebbühnen und Drehscheiben für Normal- und Schmalspurbahnen.

Die Eisereien übernehmen die Lieferung von Kundenguss in Grauguss sowohl als in Stahlguss.
Spezialität: Beständeliste für Seilbrecher in la Harque.

A. W. FABER'S "CASTELL"-Bleistift
der beste der Gegenwart.



16 fein abgestufte Härtegrade.

Feinste Spitze. Grösste Zartheit des Striches.

Geringste Abnützung, daher längste Dauer.

A. W. FABER'S "CASTELL"-Kopierstift

Zu haben in den Schreib- und Zeichenwaren-Handlungen.

der beste der Gegenwart.

Bleistiftfabrik A. W. FABER in Stein bei Nürnberg, gegründet 1761.

A.-G. der Eisen- und Stahlwerke vormals Georg Fischer
in Schaffhausen (Schweiz).

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Marke +GF+

über 4000 Modelle, jedes Stück kontrolliert, höchste Widerstandsfähigkeit gegen innern Druck.

Weichguss

aus prima Rohmaterial, sorgfältig geformt, gut geglättet und sauber
: : : verputzt. : : :

Auto-Spezial-Stahlguss

+GF+

für Automobilbau und ähnliche Zwecke.

Stahlguss - Stücke

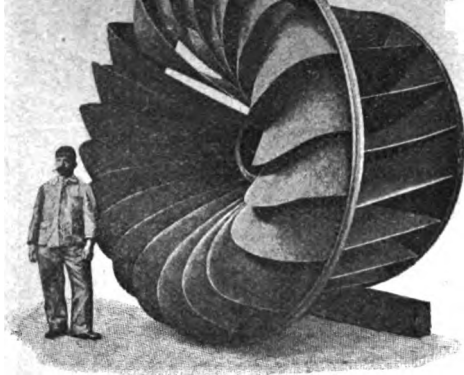
für den Bau von:

Lokomotiven, Waggons, Dynamos, Motoren, Dampfmaschinen, Dampfturbinen, Kranen, Werkzeugmaschinen,

Turbinen, Pumpen, Brücken, Schiffen, Transmissionen, für hydraulische, pneumatische und Dampf-Anlagen, für die Ziegelei-, die Zement- und die chemische Industrie, für Hammer- und Walzwerke, für Kesselschmieden etc. etc.



Unser Stahlguss ist leicht zu bearbeiten, zuverlässig und dabei sorgfältig geformt und gut verputzt, sein Härtegrad wird dem jeweiligen Verwendungszweck der Abgüsse angepasst.



Joh. Jacob Rieter & Co., Winterthur

TURBINEN

neuester Konstruktion und höchstem Nutzeffekt für alle vorkommenden Verhältnisse.

Präzisions-Regulatoren mit mechanischer u. hydraul. Wirkung.

Transmissionen, Kesselschmiede-Arbeiten.

Schmirgelscheibenfabrik

**Winterthur
Bölsterli & Co**

Erstklassige Referenzen
von Weltfirmen.



Schweizer. Lichtpausanstalten A.-G.

Auf der Mauer, 4 **ZÜRICH** Auf der Mauer, 4
BERN, Amthausgasse, 2 — Unterstr., 43, ST. GALLEN

Spezialität: Trockendruck (Plandruck)
Heliographie - - - Negrographie
Heliographie-, Paus- u. Zeichenpapiere
..... Lichtpausapparate

Man verlange Muster und Preislisten.

Holl Mosse, Zürich alleinige Inseraten-Annahme für die
Schweizer. Bauzeitung.



Heinrich Brändli, Horgen

Asphalt-, Dachpappen- u. Holzzement-Fabrik

liefert:

Asphalt-Isolierplatten, für wasserdichte Eindeckungen bei: Eisenbahnen, Strassen, Hoch- und Tiefbauarbeiten, in nur prima Qualität, je nach Angabe der Verwendungsarten.

Referenzen zu Diensten. — Fachmännische Ratschläge.
Telegramme: Heinrich Brändli, Horgen.

Luftzirkulations-Trocken-Ofen „IDEAL“

D. R. G. M. — zum schnellen und gründlichen Austrocknen von Neubauten und feuchten Mauerwerk.
Bewährt vielfach und bei Behörden eingeführt, wirkt nicht durch strahlende Wärme, sondern hauptsächlich durch stetigen Luftwechsel.



Vorteile: In wenigen Tagen gründliches Ausströmen schädlicher Gase. Vollkommene Erhärtung des noch frischen Verputzes, einfache nicht ständige Ueberwachung bei Tag und Nacht; mehrjährige Gebrauchsfähigkeit; leichte Ersetzbarkeit der dem Feuer ausgesetzten Teile. Beste Ausnutzung des Koksmaterials. In 24 Stunden nur 1 bis 1½ Zentner Koks nötig. Ein Ofen für 100 cbm Raum. Zu beziehen à Fr. 100.— ab München durch

Baugeschäft Jos. Schretzmayer

Inh. Alois Schmid

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Stuber & Co., Schüpfen (Bern)

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Parquets in allen Holzarten, vom einfachsten bis reichsten Dessin.

Bauschreinerarbeiten,

Fenster und Türen als Spezialität.

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Gewerkschaft Grillo, Funke & Co.

Gelsenkirchen-Schalke

Siemens-Martin-Stahlwerk, Blechwalzwerk, Wellrohrwalzwerk, Wassergas-Schweisswerk

liefert als Spezialitäten:

mit Wassergas aus eigenem S.-M. Flusseisen

geschweisste Rohre

von 450 mm Durchmesser bis zu den grössten Weiten und in Wandstärken bis zu 40 mm für
Dampf-, Wind-, Gas-, Wasser-, Kanalisation-, Dücker- und Turbinen-Leitungen.

Tel.-Adr.: Blechwalzwerk Gelsenkirchen. Kostenanschläge bereitwilligst. — 1600 Arbeiter. —

VERTRETER unserer Abteilung „Wassergas-Schweisswerk“ ist Herr Ingenieur J. Aumund, Zürich.

Isolierungen aller Art.

Fachkundige
Ratschläge,
Pläne und
Kosten-
Voranschläge
gratis.



Lieferung bewährtester Isolirmaterialien
und
Ausführung kompletter Isolierungen
durch eigene Facharbeiter.

- A. Isolierungen zum Schutze gegen Wärme-Verluste
für
Dampfkessel, Dampfleitungen und Zentralheizungs-Anlagen.
- B. Isolierungen zum Schutze gegen Kälte-Verluste
für
Kälteflüssigkeits-Leitungen bei Eismaschinen-Anlagen, sowie
für Generatoren, Kühlräume, Lager- und Eiskeller.

WANNER & Cie. HORGEN

Erstes Fachgeschäft für maschinen- u. bautechn. Isolierungen.
Generalvertreter der Korksteinfabrik
GRÜNZWEIG & HARTMANN, G. m. b. H., LUDWIGSHAFEN a. Rh.

Gesellschaft der L. v. Roll'schen Eisenwerke, Gerlafingen. Werk: **Giesserei Bern** in Bern.

Konstruktionswerkstätten.

Telephon 1066. Briefe und Telegramme: Giesserei Bern.
Einziges «Grand Prix» an der Internationalen Ausstellung Mailand 1906 und
«Grand Prix» an der Internat. Ausstellung der Anwendungen für Elektrizität
in Marseille 1908 für Seilbahnen und Zahnstangenoberbau.

Spezialfabrik für

Schleusenanlagen

für Wehre und Kanäle in jeder Grösse und nach verschiedenen
Systemen.

Gleit- und Rollschützen, Walzenwehre.

Andere Spezialitäten der Firma:

*Hebezeuge, Eisenbahnmaterial, Seilbahnen und Zahnrad-
bahn-Oberbau.*


Nähere Angaben und Projekte, sowie Referenzen stehen zu Diensten.



Altes, verkittetes System.

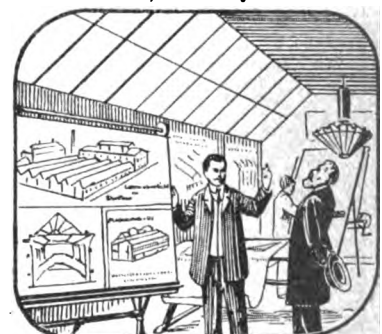


Immer Schaden durch das eingekittete Glasdach.

Kittlose  Patent No. 37200
und neue Patente ang.
Glasdächer
Shedfenster Shedrinnen
..... System G. Zimmermann

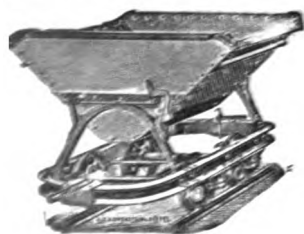
Generalvertreter für die Schweiz:
M. & H. A. ERNST, THALACKER 21, ZÜRICH I.
Telephon 6996.

Neues, kittloses System.



Dauernd geschützt gegen Regen und Schweißwasser

Schluss-Termin für Annahme von Inseraten jeden Mittwoch Abend.



Kippwagen mit automatischer Mulden-Feststellung.
Eidgenöss. Patent Nr. 29 260.

Rollenlager, enorme Kraft und Oelersparnis.
Vermietung von Rollbahnmaterial aller Art.

Man verlange Prospekt.

Reichhaltige Vorräte von
Schienen, Gleisen, Wagen, Lokomotiven, Baggern und Ersatzteilen aller Art.
Projektierung und Bau von normal- und schmalspurigen Anschlussgleisen.

Planolin-Nivelliermasse

ausbessern alter Böden jeder Art und abglätten von Betondecken in
Neubauten, einzige

fort trocknondo

Linoloum-Unterlago.

Verarbeitung leicht, nur mit Wasser.
Billigste Linoleum-Unterlage, da Material-Aufwand gering.

I. H. PFISTER & Co., BASEL XI.

Rockdorff, Witzenmann m. b. H.

Werke für Elektrotechnik und Maschinenbau

ERLIN SW., Alexandrinenstr. 135/6.

Belastungswiderstände

für jede Leistung und Regulierung.



Kleinsten Raumbedarf.
Geringstes Gewicht.

Beispiel:

Apparat für Dauerbelastung
500 KW. 300 Volt:

2475 X 300 X 900 mm ca. 900 kg

Belastungswiderstände für Abnahme-
prüfungen grösserer Generatoren für
mehrere 100 Kilowatt (ca. 70—100 kg
schwer) werden leihweise abgegeben.

Laboratoriums-Belastungswiderstand
Spannungen bis 600 Volt und
10 Amp. Maximal-Stromstärke.

Widerstände, Regulieranlasser, Heizöfen

für Luft und Flüssigkeiten nach Patent R. v. Brockdorff.

Kataloge und Preisanstellungen kostenfrei.

METALL-TREIBARBEITEN

JEAN EGGER, ZÜRICH IV

METALL-BILDHAUER, Nordstrasse 60

Innen-Dekorationen. Monumentale Figuren
Bau-Ornamente, Guss-Clasellierungen
Kunstgewerbliche Gegenstände in
Kupfer, Messing, Tombak etc.



Lichtpausen über Nacht

erstellt **Alfred Bähler**, Zeichner, Gasstrasse 33, **Basel**
Massenheliographien ca. 25 m² pos. Fr. 1.50 per m²,
Papierstärke 110 Gramm prompt | neg. Fr. 1.25 **und billiger.**

Kalkulator.

Wir suchen für unser Lohn- und Kalkulations-
bureau einen weiteren Angestellten, der die Befähigung hat,
die verausgabten Löhne und Materialien für die Betriebs-
und Fabrikations-Arbeiten selbständig zu kontrollieren und
zu buchen. Bewerber, welche bereits in gleicher oder ähn-
licher Stellung mit Erfolg tätig waren, wollen ihre Offerte
unter Angabe der bisherigen Tätigkeit, des Alters, der
Ansprüche und unter Beifügung ihrer Zeugnisabschriften
einsenden.

Offerten, die nach vier Wochen unbeantwortet bleiben,
gelten als nicht konvenierend.

Lokomotivfabrik Saronno (Oberitalien)

Filiale der Maschinenfabrik Esslingen.

Oeffentliche Ausstellung

der

**Konkurrenzpläne für das Post-
und Telegraphengebäude in Aarau**

in der

Wandelhalle des Parlamentsgebäudes

in

:: :: BERN :: ::

vom **15. bis 28. Januar** jeweilen

Vormittags von 9 bis 12 Uhr

und

Nachmittags von 1 bis 4 Uhr.

Central-Heizungen und Systeme

Warmwasserversorgungen, Sanitäre Einrichtungen, Treckananlagen f. techn. Zwecke

erstellen

Guggenbühl & Müller, Zürich.

Basler Baugesellschaft, Basel

Zweigniederlassungen in Zürich und Siders (Kanton Valais)

Projektierung und Ausführung von Bauten jeder Art.

Übernahme größerer Arbeiten auf allen Plätzen, à forfait und auf Abrechnung.

Spezialität in **Eisenbeton** (Entwurf und Unternehmung)

Bewährte Organisation. — Geschultes Personal.

Löffel- Bagger



hervorragend bewährt für

Eisenbahn-Einschnitte, Abraumarbeiten.

Fertig auf Lager, auch zur Miete.

Menck & Hambrock
G. m. b. H.
Altona-Hamburg 32.

Accumulators

für alle Zweige der Industrie:

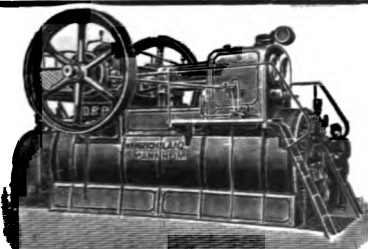
für Zentralen, Fabriken, Private, Laboratorien, Automobile, Schiffe, Waggonbeleuchtung

liefert

Accumulatoren-Fabrik Oerlikon

in CERLIKON bei Zürich.

Bureau für die Westschweiz: LAUSANNE, Chemin V



Heinrich Lanz :: Mannheim

Patent-Heissdampf-Lokomobilen mit Ventilsteuerung „System Lentz“ sind anerkannt die einfachsten und wirtschaftlichsten Lokomobilen der Gegenwart.

Verkaufsbureau für die Schweiz: Zürich, Auf der Mauer Nr. 13.

BENN KUPPLUNG

Patentiert in allen Industriestaaten
und überall als die **beste zuverlässigste** Reibungskupplung anerkannt



Benn Kupplung Nr. 12 für 600 P. S.
geliefert in eine Zementfabrik.

Beweis der steigende Umsatz:

Verkauf pro 1901 für	2.528 P.S.
Verkauf pro 1902 für	7.827 P.S.
Verkauf pro 1903 für	12.988 P.S.
Verkauf pro 1904 für	29.861 P.S.
Verkauf pro 1905 für	37.082 P.S.
Verkauf pro 1906 für	52.546 P.S.
Verkauf pro 1907 für	60.591 P.S.

TRANSMISSIONEN

KOMPLETTE ANLAGEN FÜR ALLE INDUSTRIEZWEIGE.

SELLERSLAGER mit RINGSCHMIERUNG, mit herausnehmbarer unterer Laufschaale, Patent, als Stehlager, Hängelager, Wand- und Säulen-Konsollager, und herausnehmbaren Weissmetall- oder Bronzeschalen für Massiv- und Hohlwellen.

GESELLSCHAFT der L. von ROLL'SCHEN EISENWERKE.

EISENWERK CLUS.

Gustav Griot ehem. Brücken- u. Masch.-Ingen. d. S.C.B. u. N.O.B. **Zürich V**

Telephon 183
= Brücken =
Hebomaschinen



Freiestr. 94
Eisenhochbau
Armierter Beton

Projekte, Werkpläne, Gutachten.

Mischmaschinen für Mörtel u. Beton

Dr. Gaspary u. Co., Markranstädt

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LICHTPAUS-ANSTALT
René ORBANN
Ingenieur-Chemiker.

Heliographie Sihlfhofstrasse 27 ZÜRICH Negrographie

Prompte u. sorgfältige Bedienung

PLANDRUCK

1^a Heliographie- & Pauspapiere
!! MAN VERLANGE OFFERTE !!

Die Deutsche

Terrazzo-Verkaufsstelle Ulm,

G. m. b. H., Ulm a. D.,

die leistungsfähigsten Werke Ulms und Umgegend und deren Filialen umfassend, zeigt den titl. Abnehmern von Terrazzo-körnungen, Steinsanden und Steinmehlen, Mosaikwürfeln, Berliner Pflastermossik und Spaltsteinen auch auf diesem Wege den Uebergang der laufenden Geschäfte und speziell des Verkehrs mit der verehrl. Kundschaft an und bittet, Korrespondenzen, Bestellungen usw. künftig an sie gelangen zu lassen.

Die selbständige Verkaufsorganisation der Firmen

E. Schwenk, Ulm; Steinfabrik Ulm A.-G.; Gebrüder Merkle, Ulm; Max Buck, Ehingen; Theerprodukte-Fabrik Biebrich; Seck & Dr. Alt und Süddeutsche Steinfabrik G. m. b. H., Eislängen

hat, soweit es sich um obengenannte Artikel handelt, aufgehört.

Mit der Bitte, der neuen Firma das Vertrauen zu schenken, welches ihr die bewährte Basis vorerwählter Werke und deren Zweigfabriken und ihre dadurch bedingte Leistungsfähigkeit, sowie die praktischen Erfahrungen der der Branche seit vielen Jahren angehörnden Geschäftsführung verleihen, verbindet die Verkaufsstelle die Versicherung streng solider, sachgemässer Bedienung. Durch zweckentsprechende Versanddispositionen ab in- und ausländischen Expeditionsstellen wird vorteilhaftester Versand mit Frachtersparnis gewährleistet.



Amerikanische

Tiegelguss-

Werkzeugstahle

Steinbohrstahle

erster Güte.

Grosses Lager in allen Dimensionen und für alle Zwecke.

Bitte, verlangen Sie Preis-, Vorrats- und Härteisten von den Alleinverkäufern für die Schweiz:

Affolter, Christen & Cie., Basel
Eisen und Stahle en gros.

Brücken:

Eisenbahn- u. Strassenbrücken.
Ueber- und Unterführungen.

Fabrikbau-Konstruktionen

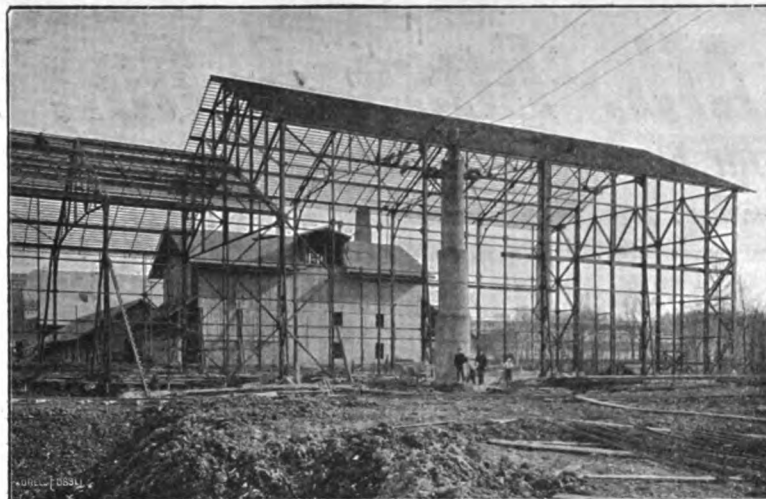
jeder Art, als Konstruktionen
für Shed-, Sattel-, Holzzement-
Dächer, Riegelwandfachwerk,
Säulen u. Unterzüge, Oberlichter,
Treppen, Wellblechbauten, Vor-
dächer.

Kranen:

Laufkranen mit Stützen u. Bahn,
Bockkranen, Aufzugstürme.

**Gasbehälter,
Reservoirs**

genietete Röhren und eiserner
Unterbau für schwimmende
Badanstalten.



Hotels u. Warenhäuser.

Binder- und Säulenkonstruk-
tionen über grosse Säle und
für Umbauten.

Gittermaste

für elektr. Leitungen u. Bahnen
Bogenlampen, Seilbahnen.

Stauwehr-Anlagen.

Schleusen.

Aussichtstürme.

Grosses Materiallager

und daher

möglichst schnelle Lieferung

Diesel-Motoren

(Eingetragene Schutzmarke.)

Wirtschaftlich vorteilhafteste
Verbrennungsmotoren

zum Betriebe mit
billigen
flüssigen Brennstoffen.

Alleinige Fabrikanten für die Schweiz:

GEBRÜDER SULZER
Winterthur.

Die Motoren werden in Grössen von
20 P.S. an aufwärts ausgeführt.

Kesselschmiede Richtarswll.

Gliesskessel

mit und ohne Kippvorrichtung, bis 7000 kg Inhalt.

Gliesspfannen, Handlöffel, Traggabeln, schmiedelserne Formkästen.

Courante Orössen stets auf Lager.

Günstige Bedingungen bei Jahres-Abschluss und Lieferung auf Abruf.

CENTRALHEIZUNGEN

Jeden Systems

Etagenheizungen

Warmwasser-, Tröckne-, Badeeinrichtungen
sowie **Sanitäre Anlagen**

erstellt die Firma

Hcb. Barchbold's Erben
Thalwil bei Zürich

Gegründet 1859

➡ **Vorzügliche Atteste und Referenzen.** ⬅

Stellenausschreibung

Die infolge Rücktrittes freiwerdende Stelle eines Ingeni-
I. Klasse des Bureaus für elektrischen Betrieb bei der Generaldire-
der Schweiz. Bundesbahnen in Bern wird hiermit zur Bewerbung
geschrieben. Von den Bewerbern wird der Ausweis über den Besuch
technischen Hochschule, Erfahrung in Bezug auf die Ausnützung
Wasserkraften und Kenntnis der deutschen und französischen Sprache
langt. Die Besoldung wird innert den reglementarischen Grenzen
Fr. 4800.— und Fr. 7000.— bei der Ernennung festgesetzt. Diensts-
1. April 1909. Anmeldungen sind bis zum 31. Januar 1909 zu richten

Die Generaldirektion

der schweizerischen Bundesbahnen

Bern, den 11. Januar 1909.

J. P. Piedbœuf & Cie Röhrenwerk A.-G., Düsseldorf-Ell

empfehlen die Artikel ihrer

Blechsweisserei

als mittels Wassergas geschweisste Röhren
von 250 bis 3000 mm Lichtweite

Dampf-Wasser-Steigleitungsröhren

Dampfsammler

➡ **Bohr- und Turbinenröhre**
Geschweisste Muffenröhren ⬅

Behälter, Transportkessel etc.

Vertreter: **Walter Ernst & Co., Winterthu**

A.-G. Alb. Buss & Co., Basel

Gesellschaft für Eisenkonstruktionen, Wasser- und Eisenbahnbau.

*Abteilung: Brückenbau, Kesselschmiede, Mechanische Schlosserei.
Werkstätten in Basel, Pratteln und Mailand.*

Brücken — Stege — Krananlagen — Hochbaukonstruktionen — Leitungsmaste, Stauwehr-, Schleusen- und Rechenanlagen.

*Unterbau für schwimmende Badanstalten — Reservoirs — Verdampfungsanlagen
Vorwärmer und Reiniger eigenen Systems mit grösstem Nutzeffekt.*

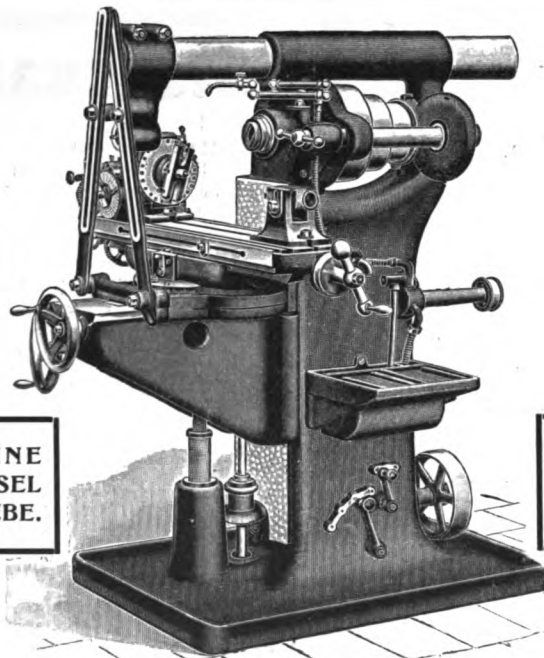
Oberlichte, eiserne Fenster und Tore, Rollwagengarnituren, Pressartikel etc.

Reparaturen. — Kostenberechnungen und Prospekte.

AUSFÜHRUNG FEINER METALLARBEITEN

:: :: Schmiedeeisen, Messing, Kupfer etc., :: ::
geschmiedet, gehämmert, getrieben, ziseliert

WERKSTÄTTEN RIGGENBACH, BASEL.



UNIVERSAL-FRÄSMASCHINE
NR. 2 MIT VORSCHUBWECHSEL
DURCH ZAHNRÄDERGETRIEBE.

EINFACHE PLAN-UNIVERSAL-
UND VERTIKAL-FRÄSMASCHINEN
SOWIE AUTOMATISCHE RÄDER-
:: :: FRÄSMASCHINEN. :: ::

WANDERER-FRÄSMASCHINEN DER WANDERER-WERKE A.-G.

LAGER! VERTRETUNG FÜR DIE SCHWEIZ: LAGER!
W. WOLF, Ingenieur, vorm. WOLF & WEISS, ZÜRICH I, BRANDSCHENKESTRASSE No. 7.

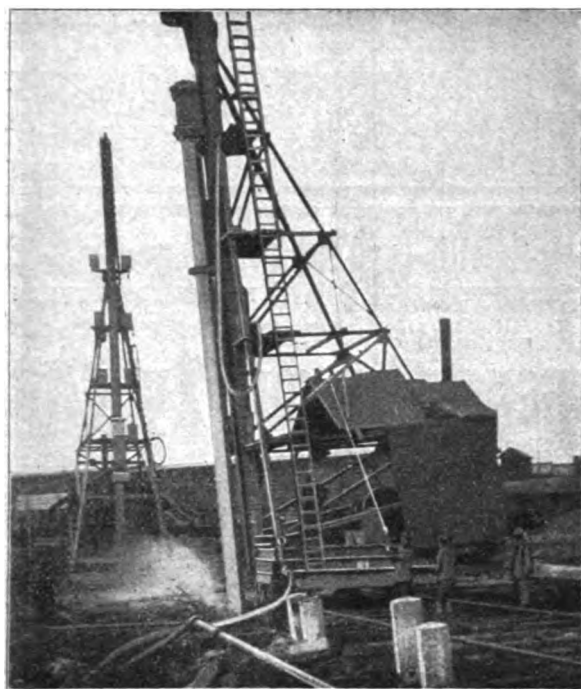
Centralheizungs-Fabrik Anortier, Lenmann & Co., Züringen

liefern und erstellen als Spezialität unter Garantie

Prima Referenzen

: Centralheizungen aller Systeme : Filialen St. Gallen, Lugano

Sanitäre Einrichtungen wie Bad-, Wasch-, Closets- und Toiletten-Einrichtungen.



Gründung der Bahnsteighallen auf dem neuen Bahnhof in Metz. — Pfähle von 17 m Länge, in Neigung gerammt.

Ed. Züblin & Co.

Basel und Strassburg i.E.

Ingenieurbureau und Unternehmung

Eisenbetonbau

Hoch- und Tiefbauten aller Art

Spezialität:

Eisenbetonpfahl - Gründungen

Spundwände, Quaimauer

Bis Mai 1908 über 100 000 laufende Meter Beton-Pfähle für Staats-, Eisenbahn und Kommunalbauten gerammt.

Thonwerk Biebrich A.-G.

Chamottefabrik
Biebrich am Rhein.

Hochfeuerfeste u. säurebeständige Produkte.

Normal- und Façonsteine aller Art, Chamottemörtel, Rotorten, Muffeln etc. Bau kompletter Ofenanlagen.

Beste Referenzen und Zeugnisse aus der Schweiz.



Geiger'sche Fabrik

für Strassen- u. Hausentwässerungs-Artikel, G. m. b. H.

KARLSRUHE i. B. 11

NEUHEIT:

Nachstellbarer Rollenkeilverschluss
an Kanalschiebern.

Bedeutende Vorzüge gegenüber parallelen Keilflächen:

Vorzügliche Abdichtung der Schieber.
Leichtes Losziehen der Schieberdeckel.
Einfache, unverwüsthche Konstruktion der Keilverschlüsse.
Einfachste, bequemste Einstellung.

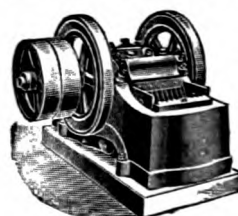
Lieferung ohne Preisaufschlag. Prospekt auf Wunsch gratis.

Mannheimer Eisengiesserei u. Maschinenbau A.-G.

Gegründet 1863 MANNHEIM Gold-Medaille Paris 1900

liefert als Spezialität in anerkannt vorzüglicher Ausführung:

Zerkleinerungsmaschinen



Steinbrecher, Walzwerke, Kugelmühlen, Kollergänge, Disintegratoren, Schotteranlagen

Kieszerkleinerungsanlagen, Siebtrommeln u. Schüttelsiebe

Neu! **Steinbrecher** Neu! kombiniert mit Schüttelsieb ohne besonderen Antrieb. Gesetzl. geschützt. Viel bewährt.

la. Referenzen im In- und Ausland.

Vertreter für die Schweiz:

H. von Arx & Co., Ingenieur-Bureau, Zürich, Seidengasse 13



MEYER & MOREL **ZÜRICH V**
Armierter Beton
 Telephon 6753



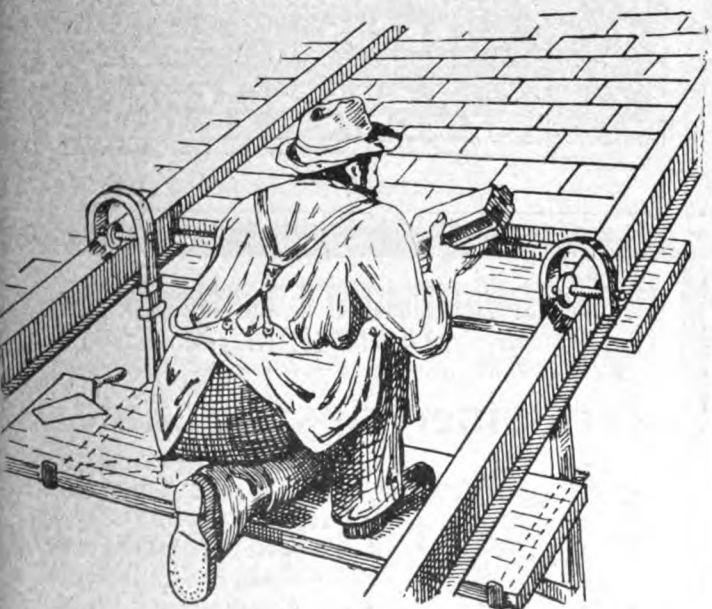
Heinrich Brändli, Horgen
Asphaltgeschäft
 übernimmt:
Asphalt-Arbeiten, Asphalt-Isolierungen,
 zweckentsprechend für Hoch- und Tiefbauten in nur
 bewährter fachgerechter Ausführung und gewissenhafter
 Bedienung mit Garantie. ☐ Referenzen zu Diensten.
 Telegr.: Heinrich Brändli, Horgen. Telephon.

Gummiwarenfabrik H. Speckers Wwe., Zürich.
 Verkaufsmagazin: Kuttelgasse 19, mittlere Bahnhofstrasse.



Spezialität: Fabrikation von
 pat. wasserdichten **Regenmänteln,**
Taucheranzügen, Wasserhosen,
Grubenjacken, Pferde- und
Wagendecken aus Kautschuk.
 Sämtliches **Dichtungsmaterial**
 für technische Zwecke.
 Preislisten und Voranschläge
 zu Diensten.

Geradlinige Massivdecke
„Excelsior“
+ Patent 23 971
Einfachste Konstruktion, ohne jede Einschalung
grosse Tragfähigkeit, absolut schalldicht.



Tonwaren - Fabrik Taenikon
Station Aadorf (Thurgau).
 Prospekte und Kostenberechnungen gratis und franko.

Luftzirkulations - Trockner - Ofen „D.E.T.“
 D. R. G. M. — zum schnellen und gründlichen Austrocknen von Neubauten und feuchten Räumen.
 Bewährt vielfach und bei Behörden eingeführt. Wirkt nicht durch strahlende Wärme, sondern hauptsächlich durch stetigen Luftwechsel.



Vorteile: In wenigen Tagen gründliches Ausströmen schädlicher Gase. Vollkommene Erhärtung des noch frischen Verputzes, einfache nicht ständige Ueberwachung bei Tag und Nacht; mehrjährige Gebrauchsfähigkeit; leichte Ersetzbarkeit der dem Feuer ausgesetzten Teile. Beste Ausnützung des Koksmaterials. In 24 Stunden nur 1 bis 1½ Zentner Koks nötig. Ein Ofen für 100 cbm Raum. Zu beziehen à Fr. 100.— ab München durch

Baugeschäft Jos. Schretzmayr
 Inh. Alois Schmid
 Telephon 7545 — **München** — Brienerstr. 30
 An unbek. Besteller gegen Nachn. od. Voreinsendung.

Vereinigte Xylolith- und Kohlensäurewerke A.-G.
WILDEGG
 + Patent Nr. 9080

Treppenstufen aus Xylolith
 für Belag von



eisernen Treppen, hölzernen und Betontreppen;
 Wendeltreppen; abgelaufenen Sandsteintreppen.
 Grosse Standsicherheit, feuersicher, grösste Solidität.
 Unlsfarben oder mit gefärbtem Treppenläufer.
 Einzig in der Schweiz bis jetzt ca. 200 000 m² Böden und zirka
 10 000 Treppenstufen gelegt.

Tiefbohrungen
Rohrbrunnen
 nach unserem jahrzehntelang bewährten System.



Volle Erschliessung
 wasserführender Erdschichten, daher
gr. Ergiebigkeit.

Ueber 4000 Brunnen hergestellt.
 Leistungen bis
 120 Sekunden - Liter
 für Wasserwerke,
 Industrien, Brauereien
 etc. etc.

U. v. a. hergestellt für:
 Basel, Bellinzona,
 Gossau, Hausen,
 Kolliken, Knutwil,
 Luzern,
 Rothenthurm,
 Waldstatt, Wangen,
 Winterthur, Worben
 Zurzach, Zürich
 etc. etc.

Projekte, Kostenanschläge auf Wunsch.

Bopp & Reuther
 Mannheim-Waldhof
 Maschinenfabrik.

Basel, Austrasse 102
 Ingenieur F. Hetzel.

Ostrelitz in Mecklenb.
Einzelunter-
Eintritt tadel-
Unterricht n. Methode Hittendorfer
Programm unbesch. v. Sekretarin



**Präzisions-
Reisszeuge.**
Clemens Riefler,
Nesselwang u. München
(Bayern).
Gegründet 1841,
„Paris 1900 Grand Prix“
Illustrierte Preislisten gratis
Die Zirkel der echten
Rieflerreisszeuge
sind am Kopf mit dem
Namen RIEFLER
gestempelt.

Stall-Einrichtungen



Gold. Medaille: Zürich, Bern, Genf
Gebr. Lincke, Zürich.

J. Nörr Zürich
2 Seidengasse

nächst Trulle Bahnhofstrasse

Vorteilhafteste

Bezugsquelle

f. imprägnierte starke

Strapaz-Kleider

Loden und engl. Stoffe

meterweise,

moderne Massanfertigung.



Uni Linoleum
Bedruckte **Linoleum**
Granit-**Linoleum**
Inlaid-**Linoleum**
Kork-**Linoleum**

empfehlen in den fabrizierten Stärken
zu billigsten Preisen per $\square m$, fertig
verlegt von geschulten Fachleuten.

Grands magasins

Jelmoli S.A.
Zürich.

(Persönliche oder schriftliche Offerte
auf Wunsch sofort zur Verfügung.)

Leistungsfähigste Rechenmaschine der Welt

„Millionär“

(Patent O. Steiger).

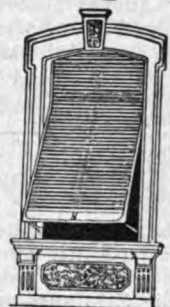
Allein-Fabrikant: **Hans W. Egli, Zürich II.**



Wilh. Baumann

Rolladenfabrik

Horgen (Schweiz).



Holzrolladen
aller Systeme.

Rolljalousien,
automatisch.

**Roll-
Schutzwände**
verschiedener
Modelle.

Verlangen Sie Prospekte.

**Wendel-
treppen,**

eiserne
Treppenanlagen,

Balkongeländer,
Treppengeländer,
Türfüllungen,
Säulen, Gusspfosten, Dachfenster.

Suter-Strehler & Co.

Konstrukt.-Werkstätte,

ZÜRICH.

Der Gesamtauflage der heutigen
Nummer liegt ein Prospekt der Firma
**G. Hoffmann, Bau-, Kanal-
bau-, Gas- u. Wasserleitungs-
Artikel, Badeeinrichtungen,
Closets, Fayence u. Feuer-
ton-Waren, in Frankfurt a. M.,**
bei, worauf wir besonders aufmerk-
sam machen.

Angesehenste Wochenschrift
für Beton u. Eisenbetonbau
Probennummern kostenfrei
Berlin N.W. 21. — Dreyesstr. 64.

Wichtig
für Behörden und Bauherren!
Apparat zum Austrocknen
von Neubauten und feuchten Räumen

Beschleunigte Fertigstellung der Bauten! Vollkommen gas-
und rauchsicher! Jeder Raum ist in 2—3 Tagen trocken.



Während der Austrocknung kann weiter gearbeitet werden,
ohne dass die Arbeiter durch Gas und Rauch belästigt
werden.

Preis Mk. 80. — ab Berlin.
Deutsches Reichs-Patent.

Zu beziehen durch:
Austrocknungs-Gesellschaft m. b. H.
Berlin, S. W., Trebbinerstr. 7.

CARLMÜLLER
ZÜRICH
Patent-Bureau
— PRIMA
REFERENZEN —

M. Kreutzmann
Rämistr. 37
ZÜRICH

Buchhandlung für Architektur
und Kunstgewerbe.

Zeichnungswerke

für das Baufach, die
Textilbranche, sowie für
jedes

Gewerbe, Mal- u. Zeichen-
Vorlagen für Schulen
und Private. Bücher
für Bau u. Einrichtung
von Villen und kleinern
Wohnhäusern, Woh-
nungs - Ausstattungen,
Garten-Architektur und
künstlerische Garten-
gestaltung etc. etc.
Auswahlsendungen.
„Künstler-Bilderbücher.“

Telephon.

E. BLUM & Co DIPL. INGENIEURE
GEGRÜNDET 1878 - ZÜRICH - BAHNHOFSTR. 74

**Architekten und
Unternehmern**

wird Gelegenheit geboten,
in einem aufstrebenden
Villenquartier der Stadt
Zürich einen Bauplatz mit
herrlicher, unverbaubarer
Aussicht auf Stadt u. See
unter äusserst günstigen
Konditionen zu erwerben.
Der Platz liegt direkt an
einer Hauptstrasse.

Wertsteigerung v. 100%

in kürzester Zeit bestimmt
zu erwarten. Preis
Fr. 10000, Anzahlung Fr.
500 bis 1000. Event. wird
der Platz ohne Anzahlung
abgegeben. Rest zu 4 1/2 %
verzinslich, 5 Jahre fest.

Bei der grossen Nach-
frage nach kleinern Ein-
familienhäusern werden
jüngere u. auswärtige Archi-
tekten ganz spez. auf
diese Gelegenheit aufmerk-
sam gemacht. Anfragen
unt. Chiff. Z. E. 55 an die
Annoncen-Expedition
Rudolf Mosse, Zürich.

**KACHEL
EISEN
OEFEN
KAMINE
WANDBRUNNEN**
ERSTELLEN
MIT GARANTIE
SCHOCH & BODMER
ZÜRICH V HOLBEINSTR. 22

A. Jucker, Nachf. v.
Jucker-Wegmann,
Papierhandlung z. Hecht,
Schiffände 22, Zürich.

Grosses Lager
von
Pauspapieren, Pausleinen,
und Zeichenpapier,
Rolln und Bogen,
in nur vorzüglichen Qualitäten.
Holzzementpapier, Dach-
pappen, Bodenbelag- und
Teppich-Unterlag-Papiere.

Patent Erwirkung u. Verwertung
anwält — —
H. L. SIEBENECK
ZÜRICH I, Sonnenquai 10 (Zürcherhof)

Architekturbüro,
die bei Architekten und
Baumeistern gut einge-
führt sind, zum Vertrieb
eines gangbaren Artikels
gesucht. Anträgen unter
Chiffre Z. E. 14405 an die
Annoncen-Expedition
Rudolf Mosse, Zürich.

Von einem grösser. Patent-
bureau in Zürich wird ein
tüchtiger

Techniker

gesucht. Herren, welche
die franz. Sprache beherr-
schen und Kenntnisse in der
Patentbranche besitzen, wer-
den bevorzugt.

Eintritt möglichst per 1. Fe-
bruar a. c. — Gefl. Offerten
mit Gehaltsansprüchen sind
zu richten sub Chiffre Z. M.
237 an die Annoncen-Exped.
Rudolf Mosse, Zürich.

Stelle-Gesuch.

Junger energischer Mann, verh.,
mit guten Kenntnissen der elektr.
Branche, sucht Stelle, womögl.
auf Betriebs-Bureau od. Ma-
terialverwalter eines Elek-
trizitätswerkes. Off. erb. unt.
Chiffre M. S. 200 Postrestant
Oerlikon (bei Zürich).

Junger, tüchtiger Bauführer findet Stellung

auf einem Architektur-Bureau der
Ostschweiz. Offerten mit Angabe der
Salärsprüche etc. erbeten unter
Chiffre Z. D. 429 an die Ann.-Exped.
Rudolf Mosse, Zürich.

Gesucht

zum sofortigen Eintritt!
In die **heizungstechnische**
Abteilung einer
grösseren Giesserei ein
tüchtiger

Techniker

mit Erfahrung im Pro-
jektieren und Leitung
von Montagen. Derselbe
hätte eventl. die Fabri-
kation zu überwachen.

Offerten mit Angaben
über bisherige Tätigkeit
erbeten unter Chiffre
Z. H. 433 an die Ann.-Exp.
Rudolf Mosse, Zürich.

Junger

tüchtiger Mann

aus guter Familie, der deutschen,
französischen u. italienischen Sprache
mächtig, womöglich mit dem Bau-
fach einigermaßen vertraut, findet
dauernde Stelle für Bureau
und Reise.

Gefl. Offerten mit Zeugnisbeilagen
erbeten unter Chiffre Z. A. 276 an
die Annoncen-Expedition
Rudolf Mosse, Zürich.

Architekt und Bauführer gesucht.

Zeugnisse in Abschrift, Skizzen
in Briefform. Genaue Angabe
des Gehalts und des frühesten
Eintritts. Prima Zeugnisse
Bedingung.
Blischoff & Weidell, Zürich.

Gesucht

per sofort oder auf Anfang Februar
ein tüchtiger

Bautechniker oder Architekt

selbständig arbeitend in Entwurf
und Detail. Offerten sind unter
Beilage von Zeugnissen und Zeich-
nungen mit Angabe der Gehaltsan-
sprüche unter Chiffre F. 1569 Z. an
die Annoncen-Expedition Haasen-
stein & Vogler in Zürich zu
richten.

Gesucht:

Zu sofortigem Eintritt
**jüngerer, tüchtiger
Bautechniker**

Offerten mit Angabe der Gehalts-
ansprüche sub Chiffre H. 55 U. an
Haasenstein & Vogler, Biel.

Solider und zuverlässiger Baubuchhalter und Korrespondent,

bilanzfähig, 26 Jahre alt, militärisch,
sucht Engagement auf 1. März
event. früher, bei grosser, seriöser
Bauunternehmung oder auch auf
Verwaltungs- und Fabrikbureau.

Gefl. Offerten unt. Chiff. Z. A. G. 9
an die Annoncen-Expedition
Rudolf Mosse, St. Gallen.

Tüchtiger Architekt

28 Jahre, mit vier Semester Hoch-
schule Stuttgart und mehrjähriger
guter Praxis sucht per sofort Stelle
auf Architekturbureau. Offerten unter
Chiffre Zag. E. 12 befördert
Rudolf Mosse, Bern.

Tiefbautechniker

diplomiert, mit mehrjähriger Feld-
und Bureau Praxis im Wasserversor-
gungsfach sucht Stelle. Offerten
unter Chiffre C. 249 Y. an Haasen-
stein & Vogler, Bern.

Erfahrener, energischer Bauführer

(Zürcher), 30 Jahre, auch gewandter,
flotter Zeichner, sucht per sofort
passende Stelle. Gefl. Offerten
sub Chiffre Z. K. 210 befördert die
Annoncen-Expedition
Rudolf Mosse, Zürich.

23. Juni 1909, 2 Jahre in Zürich,
saub. Zeichner, sucht auf 1. Febr.
ev. früher, Stellung auf hiesigem
Bureau. Zeugniskopien zu Diensten.
Anfragen erbeten sub Chiffre Z. C.
203 an die Annoncen-Expedition
Rudolf Mosse, Zürich.

Tüchtiger Bautechniker,

erfahrener Bauführer, sucht auf
1. März 1909 Stelle auf ein Bu-
reau oder als Bauführer. Gute
Zeugnisse zu Diensten. Offerten
unter Chiffre Z. A. 301 befördert die
Annoncen-Expedition
Rudolf Mosse, Zürich.

Stellen-Gesuch.

Junger Kaufmann

Deutscher, mit schöner Handschrift,
perfekter Stenograph und Maschinens-
schreiber, in der elektrotechnischen
Branche bewandert, sucht in gleicher
Stellung als Kontorist oder Korre-
spondent p. 1. April 1909 Stellung.
Gefl. Offerten unt. Chiffre Z. N. 463
an die Annoncen Expedition
Rudolf Mosse, Zürich.

Bauführer

energisch und selbständig, gewandter
Zeichner, deutsch und italienisch
sprechend, mit mehrjähriger Praxis,
sucht anderweitig Stellung per
1. oder 15. Februar in Architektur-
bureau oder Baugeschäft. Offerten
sub Chiffre H. H. an die Ann.-Exp.
Rudolf Mosse, Schaffhausen.

Zu kaufen gesucht:

Zirka 100 Wagenladungen
prima Portland-Cement
lieferbar in den Monaten Mai, Juni
und Juli.

Offerten mit Preisangabe franko
Bahnhof Freiburg erbeten unter
Chiffre H. 172 F. an Haasenstein
& Vogler, Freiburg.

Zeugnisse in Maschinenschrift
rasch und tadellos.
Muster und Preis kostenfrei.
Paul Kriegel, München, Baumstr. 4d

Zu verkaufen

wegen Nichtgebrauch

1 Präzisions-Panograph für
alle Massstabsverhältnisse (Teedorf),
sehr wenig gebraucht;

1 Monokular-Prismen-Fern-
glas, 7¹, fache Vergrösserung.
Eventuell werden beide Instrumente
gegen einen noch gut erhaltenen
Messschapparat umgetauscht.

Näheres bei

Ingenieur Jos. Englert,
Samaden.

300 gebrauchte Eisenbahnschwellen

3 m lang, Eichen-, Lärchen- oder
Föhrenholz

zu kaufen gesucht.
Offerten unter Chiffre Z. X. 423
an die Annoncen-Expedition
Rudolf Mosse, Zürich.

Fassaden- und Innendekorationen

fertigt an Chiffre Z. V. 13821 der
Annoncen-Expedition
Rudolf Mosse, Zürich.

Patent-Ausbeutung.

Für die Ausbeutung des
schweiz. Patentes Nr. 35383
vom 20. Jan. 1906 betreffend:
Verbrennungsmotor, bei wel-
chem die Aenderung des über-
tragenen Drehmomentes und
der Geschwindigkeit ohne
Einschaltung eines Zwischen-
mechanismus bewirkt werden
kann, wird ein Fabrikant
bzw. Interessent gesucht.
Das Patent wird verkauft, in
Lizenz gegeben, oder es wer-
den anderweitige Vereinba-
rungen für die Fabrikation
eingegangen.

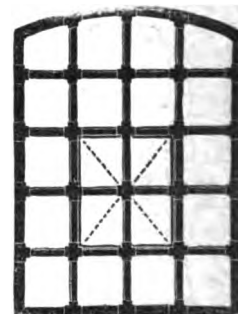
Anfragen sind zu richten
an die Patentanwaltsfirma
H. Kirchhofer,
vorm. Bourry-Séguin & Co.,
29 Schützengasse,
Zürich I.

Briefmarken-Sammlung

von 16000 versch., garantiert echt,
tadellos, wird einzeln ausverkauft
Preise mit 50 bis 70% unter allen
Katalogen, auch Ganzsachen. Aus-
schnitte. Hübsche Auswahlendungen
versende auf Verlangen. A. Weisz,
Wien I, Adlergasse 8. Filiale:
London, Einkauf.

Ingenieur-Akademie Wismar a. d. Ostsee

für Maschinen- und Elektro-In-
genieure, Bau-Ingenieure und
Architekten — Aufnahmebeding-
g. kl. gym. od. ähnl. Vorbildg.
bzw. Absolvierung einer Fach-
schule. Näheres d. d. Programm.



Schmiedeis. Fenster „Stabil“

⊕ Patent No. 39336
sind billiger als die bisherigen
Konstruktionen.

Man verlange Preise bei
**M. Koch, Eisengiesserei
Zürich**
Fabrik für Maschinenbau
und Eisenkonstruktionen.

Wanner & C^{ie}, Horgen

Spezial-Abteilung für baugewerbliche Isolirungen.

Generalvertreter der Korksteinfabrik Grünzweig & Hartmann, G. m. b. H., Ludwigshafen a. Rh.

Erste, älteste und grösste Korksteinfabrik des Kontinents.

Korksteine und Korksteinplatten

für baugewerbliche Zwecke.

Zur Isolirung von:

Ziegel-, Schiefer-, Metall- und Holzzement-Dächern;
Massivdächern aller Art, Betondächern etc.;
Massiven Mauern und Fachwerk-Wänden;
Feuchten Wänden und Untergeschossräumen;
Gewölben und Fussboden;
Scheidewänden und Fensternischen;
Kühlräumen, Eis- und Lagerkellern.

Zur Herstellung von:

Elastischen und schalldämpfenden Fussboden-Unterlagen
für Linoleum;
Leichten, freitragenden Scheidewänden;
Zwischendecken und Deckenverschalungen;
Warm- und Kaltluft-Kanälen für Heizungs- und Ventilations-
Anlagen;
Telephonzellen.

Als selbständiges Bauelement für

Wohnhäuser, Villen, Stallungen, Personen- und Lagerhallen, Remisen, ambulante Lazarette,
Sanatorien, Baracken, Wärterhäuschen, Pavillons, Schutzhütten etc.

Hohe Isolirwirkung

gegen

Wärme, Kälte, Schall und Feuchtigkeit.

Tausende von
Referenzen und Zeugnisse
aus allen Ländern.

Eigenes
Architektur-Bureau
zur Konstruktion
von
Korksteinbauten.

Langjährig geschultes
Monteur-Personal.

WANNER & C^{ie}
HORGEN.



Ausführung
Jeder Art Arbeiten
unter Garantie.

Kataloge,
Kostenberechnungen,
fachkundige Ratschläge
und Projekte
prompt und gratis.

Grosses Lager,
rasche Bedienung.

WANNER & C^{ie}
HORGEN.

Grand Hôtel „Erzherzog Johann“ am Semmering.

Einbau sämtlicher Mansardenräume, Herstellung von Dachschrägen, Scheidewänden, Gangwänden etc. aus Korkstein.

VORZÜGE: Kurze Bauzeit, rasches Austrocknen, Schutz gegen Temperatureinflüsse,
feuersicherer Schutz der hölzernen Dachkonstruktion.

Zentralheizungs-Fabrik Dettl, A.-G.

vormals J. Ruef

empfehlend sich zur **Errichtung von Zentralheizungen** aller Systeme; Wäschereien, Tröcknerelen, Bade-Einrichtungen und Desinfektions-Apparate, Giesserei, Kupfer- und Kesselschmiedearbeiten.

Fabrik: Station Ostermattigen. Internationale Ausstellung Mailand 1906: Grand Prix. Depot: Spelchergasse 35, Bern.



Stark-Brecher
Unverwundl. Bauart.
stationär und mobil.
Höchste Leistungsfähigkeit.
Komplette Schrotter-Anlagen.
Verbreiter und Wiederverbreiter haben Rabatt.



Verbesserte **Walzen-Möhlen**
dauerhaftester Konstruktion.
Komplette
Saad - Berei-
tungsanlagen.
Sortiermaschin.
Kegelmöcher.
Walzwerke.

Alpine-Maschinenfabrik-Gesellschaft, Augsburg 2
vormals Holzhauer Maschinenfabrik-Gesellschaft | Spezialfabrik f. Zerkirg- u. Transport-Anlagen.
Annehmliche Anlage- und Betriebskosten.

Gustav Kuntze, Göppingen 3 (Württemb.)

Schmiedeeiserne, genietete und hartgelödete oder geschweißte

KUNTZE-RÖHREN

mit Flanschen oder Muffen.

Spezialität: Turbinen-Rohre in jeder Dimension.
Rohre für Tunnel-Bauten.
Rohre für Wasser-Versorgungs-Anlagen.

Aktien-Gesellschaft „Union“ in Biel

FABRIK IN METT.

I. Schweizerische Fabrik für elektrisch geschweißte Ketten

Patent Nr. 27199.

Ketten aller Art

für industrielle und landwirtschaftliche Zwecke. Handelsketten nur durch Eisenhandlungen zu beziehen.
Größte Leistungsfähigkeit. Ketten von höchster Tragkraft.

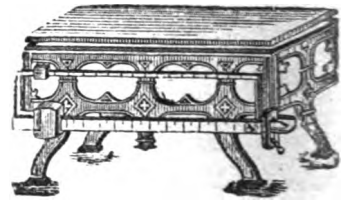
EUBÖOLITH

Bester Boden für Fabriken, Schulen, Spitäler

und Geschäftshäuser

Euböolith-Werke (Emil Séquin)

Olten.



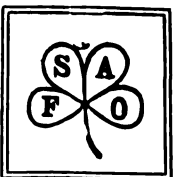
E. Ott-Peter

Eichmeister

Zürich I

Linthescherg. 18
beim Hauptbahnhof.

Schweizerische Accumulatoren-Fabrik A.-G. in Olten.



Accumulateren

Jeder Art

Langjährig bewährtes System. — Ueber 1000 Batterien im Betriebe.

:: Reparaturplatten ::

passend in jede Batterie couranter Konstruktion.

CARL MÜLLER ZÜRICH
Patent-Bureau

A. Jucker, Nachf. v.

Jucker-Wegmann,

Papierhandlung z. Hecht,
Schiffände 22, Zürich.

Grosses Lager

VON

Passpapieren, Pausloinen,
und Zeichenpapier,
Roller und Bogen,
in nur vorzüglichen Qualitäten.
Holzsementpapier, Dach-
pappen, Bodenbelag- und
Teppich-Unterlag-Papiere.

Anerkannt beste

Dynamit-Sorten

für alle Sprengzwecke

sowie

Zündschnüre und Kapseln

liefert

Dynamit Nobel, A.-G., Zürich

Fabrik in Isleten (Ort).

Mythenstrasse 22

Dépôts in der ganzen Schweiz.

Telephon 383



Schluss-Termin für Annahme von Inseraten jeweiligen Mittwoch Abend.

Anlagen für künstlichen Zug bei Feuerungen,

indirektes und direktes Verfahren, Absaugung schädlicher Gase u. Dämpfe.

Projekte für den speziellen Fall auf Anfrage kostenlos.

Dr. H. Grise, Berni W. 50

Technisches Bureau

Gelsbergstrasse 29 Tel. Amt 6, 6502

Riemen Scheiben

zweitellig, aus Schmiedeeisen
und Holz. — Prompte Lieferung

Treibriemen

BALATA, Original «Dick».
KAMELHAAR, «Gripwell».

Generalvertretung. Einziges Lager.

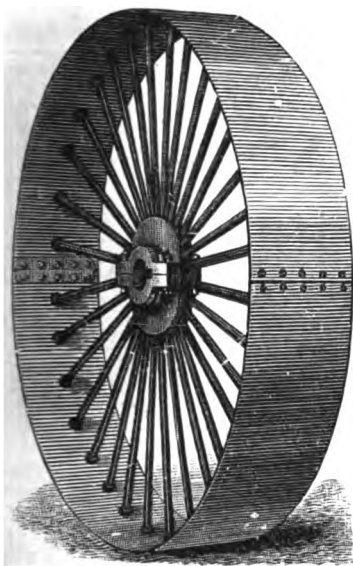
Kernleder-Riemen

eigenes Fabrikat.

Decken

wasserdichte, f. jed. Bedarf.

Stapler-Hünerwadel & Co.
Horgen.



Schulhausgruppe an der Limmatstrasse, Zürich

Es werden hiemit folgende Arbeiten zur öffentlichen Konkurrenz
ausgeschrieben:

Zimmerarbeiten,
Spenglerarbeiten,
Blitzableitung,
Dachdeckerarbeiten,
Holzzementbedachungen,
Verputz- und Gipserarbeiten,
Gipsestrichböden,
Schiefersimsen,
Warenaufzug.

Bedingungen, Pläne und Offertenformulare liegen in unserm Bureau
Bärenstrasse 13, von Montag den 25. Januar an, morgens 8—12 Uhr und
mittags 2—6 Uhr zur Einsicht auf.

Offerten sind bis spätestens den 8. Februar 1909 abends, diejenige
für den Warenaufzug bis 20. Februar 1909, mit der entsprechenden
Ausschrift versehen an den Vorstand des Bauwesens I einzureichen.

Zürich, den 21. Januar 1909.

Die Bauleitung:

Gebr. Pfister, Architekten.

Verlag von Julius Springer in Berlin, N. 24.

Armierter Beton.

Monatsschrift für Theorie und Praxis des gesamten
Betonbaues.

In Verbindung mit Fachleuten herausgegeben

von

E. Probst,

und

M. Foerster,

Ingenieur in Berlin,

ord. Prof. a. d. Techn. Hochschule
zu Dresden.

Monatlich ein Heft. — Preis vierteljährlich M. 2.50; ganzjährlich M. 10.—

INHALT DES JANUARHEFTES 1909:

Neue Versuche mit Eisenbetonsäulen
und -balken. Von E. Probst.
Maschinenhalle d. Müllverbrennungs-
anstalt in Frankfurt a. M. Von
Ing. E. Mautner.
Allgemeine Bestimmungen des deut-
schen Ausschusses für Eisenbeton.
Von Prof. Dr. M. R. v. Thullie.

Vereinfachte Ermittlung der Spa-
nungen. Von cand. ing. Viese.
Die Entwicklung d. Zementindustrie
in den Vereinigten Staaten.
Literaturschau. Von Dr. Kögler.
Mitteilungen über Patente.
Bücherbesprechungen. — Ne-
Bücher.

Probehefte jederzeit unberechnet vom Verlag.

Thonwerk Biebrich A.-G.

Chamottfabrik

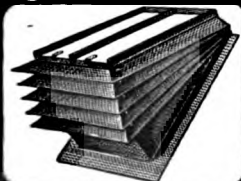
Biebrich am Rhein.

Hochfeuerfeste u. säurebeständige Produkte.

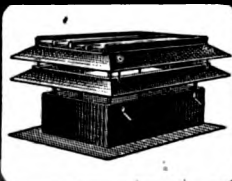
Normal- und Façonsteine aller Art, Chamottmörtel,
Retorten, Muffeln etc. Bau kompletter Ofenanlagen.

Beste Referenzen und Zeugnisse aus der Schweiz.

Regensichere Dachlüftung



Hürtgenlüfter



Sternlüfter

Hürtgen, Mönnig & Co Köln-Lindenthal

Edmund Simon, Dresden A4

Die besten Rostschutzfarben der Gegenwart
sind die wissenschaftlich begründeten und
langjährig bewährten

Durabo-Oelfarben

Marke „G“-Grund, Marke „D“-Deckanstrich.
Für Haltbarkeit übernehme volle Garantie.

Durabo - Glanzfarben

für Molkereien, Bade- und Accumulatoren-
räume, Optische Signale, etc. etc. etc.

Generalvertreter: Ed. Wüthrich & Co., Herzogenbuchsee



Mathematisch

genaue Einstellbarkeit um die Tangenten,
dadurch unbedingt richtigen Riemenlauf,
grosse Ersparnis an Schmiermaterial, ab-
solut sauberen Betrieb, bei geringer
Wartung u. leichter, zuverlässiger Kontrolle

gewährleistet unser

Tangential-Riemenleiter

mit sichtbarem Oelumlaufl

Tangentialarm

T.



Winkelarm W.

Kataloge, Entwürfe, Kostenanschläge
über

moderne Transmissions-Anlagen

durch

30 Blumenrain.

Eisenwerk Wülfel, Filiale Basel.

Telephon 2206.

LICHTPAUS-ANSTALT
Telephon: 1107
René ORBANN
Ingenieur-Chemiker.
Sihlhofstrasse 27
ZÜRICH
Heliographie Negrophographie
prompte u. sorgfältige Bedienung
PLANDRUCK
1. Heliographie- & Pauspapiere
" MAN VERLANGE OFFERTE !!

Lichtpausen über Nacht

erstellt **Alfred Böhler**, Zeichner, Gasstrasse 33, **Basel**
Massenheliographien ca. 25 m² pos. Fr. 1.50 per m²,
Papierstärke 110 Gramm prompt neg. Fr. 1.25 **und billiger.**

Maschinen für Sandverwertung

Dr. Gaspary u. Co., Markranstädt

Neuer Gesamtkatalog Nr. 140 gratis.



Amerik. Gurtförderer

System Robins

für jede

Industrie,

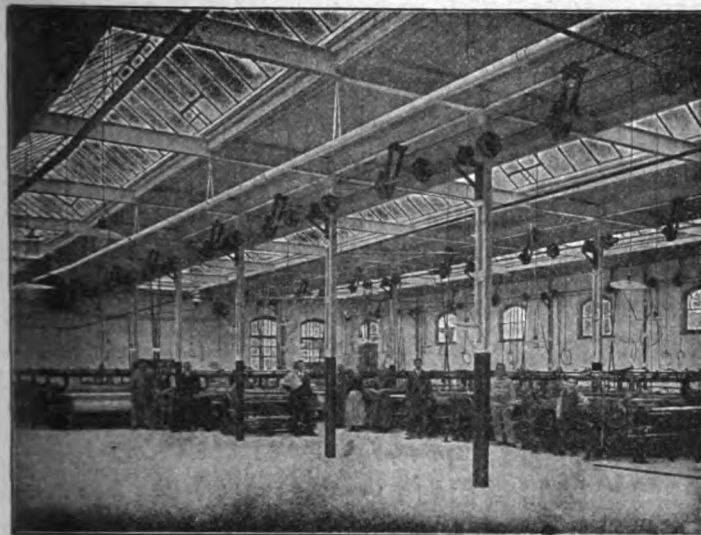
Steinbrüche, Kies- u. Sandgruben,
Fundamentaushub.

Unerreicht in Leistung und Haltbarkeit.

Projekte durch

Robert Aebi & Co.,
Zürich V.

Maschinen u. Geräte für Hoch- u. Tiefbau.



Vorteile:

1. Unabhängigkeit der Gebäudelage von der Himmelsrichtung.
2. Geringstes Gewicht bei sehr guter Isolation.
3. Unübertroffene Lichtwirkung spezieller Lüftungsvorrichtung.
4. Rasche und billige Erstellung bei jeder Jahreszeit.
5. Beste Eignung auch für schwierigste klimatische Verhältnisse.
6. Leichte und rationelle Anbringung von Transmissionen und Vorgelegen.

Empfohlen als rationellstes System für
Maschinenfabriken, Werkstätten, Glaserelen, Elektrizitätswerke,
Spinnerelen, Weberelen, Blecherelen, Färberelen, Magazine,
Lagerhäuser, Markt- und Güterhallen etc.

Patent-Inhaber:

Séquin & Knobel, Rütli (Zürich),

Zivil-Ingenieur-Bureau für modernen Fabrikbau.

Vertretung und Ausführung:

KOCH & Cie., vorm. E. Baumberger & Koch, Basel,

Unternehmung für Dachkonstruktionen und Bodenbelags-Arbeiten.

CENTRALHEIZUNGEN

Jeden Systems

Etagenheizungen

Warmwasser-, Trockne-, Badeeinrichtungen
sowie **Sanitäre Anlagen**

erstellt die Firma

Hch. Berchtold's Erben

Thalwil bei Zürich

Gegründet 1859

Vorzügliche Atteste und Referenzen.

J. Rukstuhl, Basel

erstellt auf Grundlage vieljähriger Erfahrung

Centralheizungen

aller Systeme

Warmwasser — Niederdruckdampf

Accumulatoren

für alle Zweige der Industrie:

für Zentralen, Fabriken, Private, Laboratorien,
Automobile, Schiffe, Waggonbeleuchtung usw.

liefert

Accumulatoren-Fabrik Oerlikon

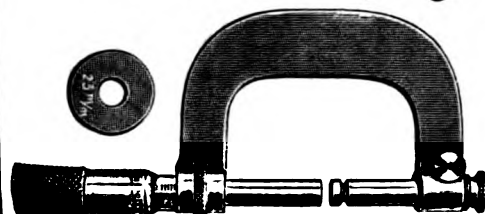
in OERLIKON bei Zürich.

Bureau für die Westschweiz: Lausanne, Chemin Vinet 29

Hydraulische, Beste Referenzen.
Elektrische,
Transmission-
und Hand-
AUFZÜGE
für Personen & Waren
A. MILLOT A.-G.
Maschinen-Fabrik
Industriequartier
ZÜRICH

Schoch, Huber & Co., Zürich II.

Werkzeuge und Maschinen.



Spezialitäten in
Präzisions-Mess- und Schneidwerkzeugen
für die Metallindustrie.

Grosses Lager in Fräsern.

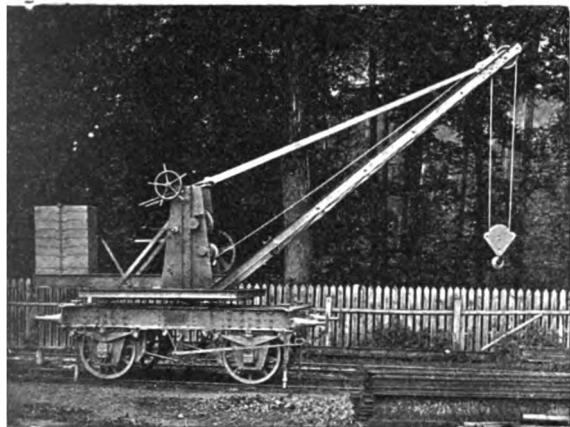
Alleinverkauf der Kugellager S. R. O. der Kugellager-
werke A.-G. von J. Schmid-Roost, Oerlikon,

für Automobile, Transmissionen, allgemeinen Maschinenbau etc. — Fabrikat ersten Ranges. — Höchste bis heute
erreichte Vollkommenheit.

Einsatzpulver Marke „NOVO“ — Unübertroffen. — Ia. Referenzen.



Werk: **Giesserei Bern** in Bern.



Konstruktionswerkstätten.

Telephon 1066. Briefe und Telegramme: Bern. Giesserei
Einsiger «Grand Prix» an der internationalen Ausstellung Mailand 1906 und
«Grand Prix» an der Internationalen Ausstellung der Anwendungen der
Elektrizität in Marseille 1908 f. **Sellbahnen u. Zahnstangenoberbau.**

Spezialfabrik für

Eisenbahnmaterial.

Drehscheiben für Hand- oder elektrischen Antrieb.
Schiebebühnen für Hand-, Dampf- od. elektrischen Antrieb.
Weichen und Kreuzungen für Normal- und Schmalspur,
Vignol- und Rillenschienen.

Barrieren und Signale.

Stations- und Depotkrane.

Andere Spezialitäten der Firma:

**Hebezeuge, Sellbahnen und Zahnstangenoberbau,
Schleusen- und Walzenwehre.**

Nähere Angaben und Projekte, sowie Referenzen stehen zu Diensten.

isseldorfer Röhrenindustrie

**Düsseldorf-
Oberbilk**

empfehl

schmiedeeiserne Röhren

bis 1500 mm Durchmesser,
gerade und gebogen,  

für Dampf-Leitungen, Wasser-Leitungen, Turbinen-Leitungen, hydraulische Anlagen,
Kondensations-Anlagen etc. mit allen erforderlichen Verbindungen und Formstücken.

Vertreter für die Schweiz: **G. A. Bourgeois-Richter, Ing., Zürich II, Breitingenstr. 5.**

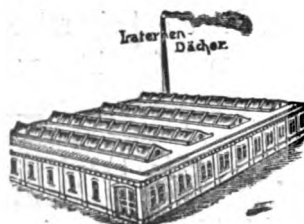


Kittlose Glasdächer



System Eberspächer (Schweizer Patent)

für



D. R. G. M. — Schweizer. Patent.

Shed- u. Laternenoberlichter verglaste Hallen u. Vordächer

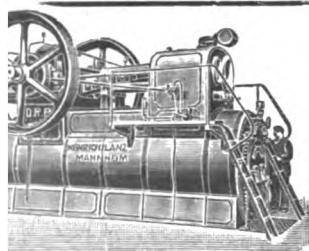
etc. Seit 40 Jahren erprobt; bereits über eine halbe
Million m² verlegt, absolut dicht gegen Regen und
Schnee. Kein Schwitzwasser! empfiehlt



D. R. G. M. — Schweizer. Patent.

Martin Keller, Neu-Seidenhof, Zürich.

Prospekte und Zeichnungen kostenlos; auf Wunsch Ingenieurbesuch.



Heinrich Lanz :: Mannheim

Patent-Heissdampf-Lokomobilen mit Ventilsteuerung „System
Lentz“ sind anerkannt die einfachsten und wirtschaftlichsten
Lokomobilen der Gegenwart.

Verkaufsbureau für die Schweiz: **Zürich, Auf der Mauer Nr. 13.**



Aug. Koppertmann, U.M.B.M. DORTMUND

Vertreter: J. Aumund, Ingenieur, Zürich, Sonneggstr. 74. Telephon 2967.

Brockdorff, Witzemann m. b. H.

Werke für Elektrotechnik und Maschinenbau
BERLIN SW., Alexandrinenstrasse Nr. 135/6.

Heizung für elektrische Bahnen



Ofen für 4 Kilowatt.

Abmessungen:

280 × 550 × 170 mm.

Gewicht: 5,9 Kilogramm.

Wirksam durch Luftströmung, nicht durch Strahlung.

Völlig unempfindlich gegen grosse Spannungsschwankungen und Stösse.

Ausführung durch beliebige Leistungen und Spannungen.
Belastungswiderstände, Regulieranlasser, Heizöfen für Luft und Wasser nach Patenten R. v. Brockdorff.

Kataloge und Preisanstellungen kostenfrei.

Tiefbohrungen Rohrbrunnen

nach unserem jahrzehntlang bewährten System.

Volle Erschliessung
wasserführender Erdschichten, daher
gr. Ergiebigkeit.

Ueber 4000 Brunnen
hergestellt.
Leistungen bis
120 Sekunden - Liter
für Wasserwerke,
Industrien, Brauereien
etc. etc.



U. v. a. hergestellt für:
Basel, Bellinzona,
Gossau, Hausen,
Köllikon, Knutwil,
Luzern,
Rothenthurm,
Waldstatt, Wangen,
Winterthur, Worben
Zurzach, Zürich
etc. etc.

Projekte, Kostenanschläge auf Wunsch.

Bopp & Reuther
Mannheim-Waldhof
Maschinenfabrik.

Basel, Austrasse 102
Ingenieur F. Hetzel.

Junger Bautechniker.

z. Zeit in der 4. Kl. der Stuttg. Baugewerk-Schule, gelernter Maurer u. etw. Zimmermannspraxis, 1 1/2 Jahre als Bauführer auf Bureau und Bauplatz tätig gewesen, sucht gestützt auf 1a. Zeugnisse dauernde Stellung bis 1. M. in einem Architekturbureau oder Baugeschäft bei mässigem Gehalt. Offert unter Chiffre S. U. 6061 erbeten an die Annoncen-Expedition

Rudolf Mosse, Stuttgart.

Engrosabnehmer

die Lager halten und reisen lassen, werden von leistungsfähiger Fabrik, die

Wandglasfliesen (ges. gesch.)

in bisher unerreichter Vollendung erzeugt, zur Vertretung an Plätzen und in Provinzen gesucht.

Gefl. Anfragen nebst Angabe des eventl. Jahresbedarfes unter M. G. 7318 an die Annoncen-Expedition

Rudolf Mosse, Zürich.



Wasser-Reinigung

Filterpressen
Armaturen
Pumpen

A. L. G. Dehne, Maschinen-Fabrik, Halle a. S.

Rudolf Mosse, Zürich alleinige Inseraten-Annahme für die Schweizer. Bauzeitung.

Blechwarenfabrik, Basel.



Blecharbeiten, roh, im Vollbad verzinkt, gestrichen etc.
Rohrleitungen und Verbindungsstücke für Entstaubungs- und Trockenanlagen etc.

Ventilationsrohre für Tunnelleitungen etc., mit und ohne Flanschen.

Autogene Schweisseriei. Verzinkerei (Lohnverzinkung im Vollbad).

==== **Billige und prompte Bedienung.** ====



Heinrich Brändli, Horgen

Asphalt-, Dachpappen- u. Holzzement-Fabrik
 liefert:

Asphalt-Isolierplatten, für wasserdichte Eindeckungen bei: Eisenbahnen, Strassen, Hoch- und Tiefbauarbeiten, in nur prima Qualität, je nach Angabe der Verwendungsarten.

Referenzen zu Diensten. — Fachmännische Ratschläge.
 Telegramme: Heinrich Brändli, Horgen.

Henri Weber, Nachf. v. H. Kieser, Schlosserei
 Zürich 1, Gottfried Kellerstrasse 9.

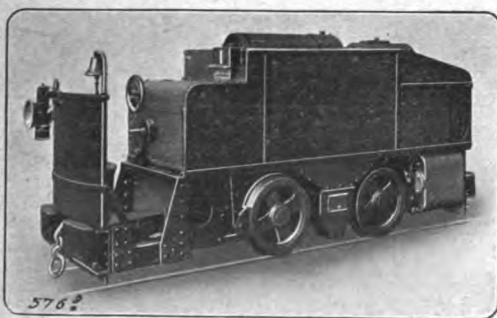
Telephon 8092



Telephon 8092

Mehrfach an Ausstellungen prämiert.
 Empfehle mich für alle in mein Fach einschlagenden Arbeiten.

GASMOTOREN-FABRIK „DEUTZ“ A.-G. ZÜRICH.



Benzin-Lokomotiven

für Feldbahnen, Fabrikgeleise, Strassenbahnen.

Billiger, absolut gefahrloser Betrieb, kein Geruch und keine Rauch- und Russbelästigung, kein Anheizen. Jederzeit sofort betriebsbereit.

Benzin- und Petrol-Lokomobilen
Schiffsmotoren, Motorboote
Rohölmotoren, Sauggasmotoren
Gas-, Benzin-, Petrolmotoren

Vereinigte Xylolith- und Kohlensäurewerke A.-G.

==== **WILDEGG.** ====

+ Patent Nr. 9080.



**Auf Blindboden aufgeschraubt;
 auf Zementbeton in Mörtel verlegt.**

Nach allen Dessins in viereck, rechteck, achteck und in 3 Farben, Parkett ähnliche Form.

Xylolith feuersicher, warm. **Steinholz** schalldämpfend, solid.

Muster, Prospekte, Album und Atteste gratis und franko.

➡ **Einzig in der Schweiz bis jetzt ca. 200 000 m²**
Böden und ca. 10 000 Treppenstufen gelegt. ➡

Blind & Cie., Oberrieden-Zürich

==== **Fensterfabrik und Mech. Schreinerei** ====

empfehlen sich zur Uebernahme sämtlicher Glaser- und Schreinerarbeiten.

Grösste Leistungsfähigkeit — la Referenzen — Telephon Horgen

Glasdächer

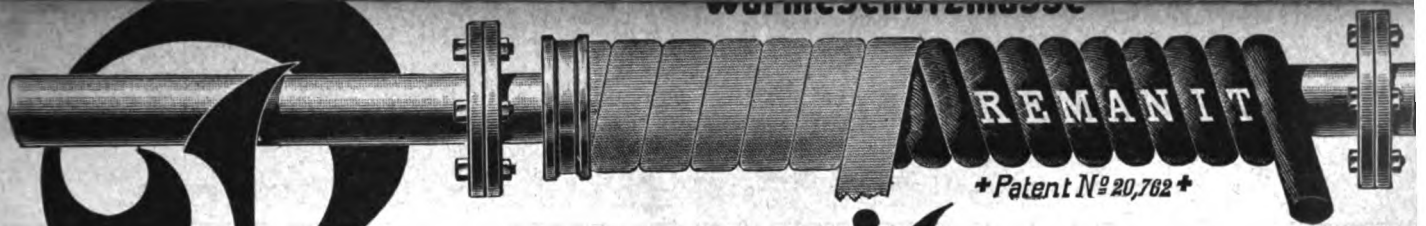
Shedfenster, Oberlichtlaternen, Hofüberdeckungen
 liefert in bester, längst bewährter kittloser Verglasung, sowie
Blech- und Glasjalousien, D. R. P., Shedrinnen

Julius Lorenz, Stuttgart

Spezialfabrik für Glasbedachungen.

Skizzen und Kostenvoranschläge gerne zu Diensten.

— Tüchtige Vertreter gesucht, —



Remanit

Bestes Isoliermaterial

erzielt über 90% Nutzeffekt

Remanit besteht aus karbonisierten **Selden**-Zöpfen, -Polstern und -Decken

Remanit ist unerreicht als Isoliermittel für:

Zentralheizungs- u. Warmwasser-Anlagen

gegen Wärme-Verluste

Kaltwasser-Leitungen

gegen Einfrieren u. Schwitzen.

General-Vertretung
und Depot:

WANNER & C^{ie}, HORGEN

Ausführung jeder Art Isolierungen durch eigene Facharbeiter.

Erstes Fachgeschäft für maschinentechnische Isolierungen.

Gold. Medaille Zürich 1894

Gysel & Odinga vorm. Brändli & Cie.

Telegramme: Asphalt Horg

Asphalt-Fabrik Käpfnach in Horgen

Telephon

Holzzement-, Dachpappen- und Isoliermittel-Fabrik

Telephon

empfehlen sich für Spezialitäten: **Asphaltarbeiten** aller Art, wasserdichte **Isolierungen**, **Trockenlegung** feuchter Lokale, **Asphaltterrassen** mit u. ohne Plättlibelag, **Holzpflasterungen**, **Holzzementbedachung**, **Konkurrenzpreise.** **Parquets in Asphalt.** **Weitgehende Garantie**



Gründung der Bahnsteighallen auf dem neuen Bahnhof in Metz. — Pfähle von 17 m Länge, in Neigung gerammt.

Ed. Züblin & C^{ie}

Basel und Strassburg i.E.

Ingenieurbureau und Unternehmung für

Eisenbetonbau

Hoch- und Tiefbauten aller Art

Spezialität:

Eisenbetonpfahl - Gründungen

Spundwände, Quaimauern

Bis Mai 1908 über 100 000 laufende Meter Beton-Pfähle für Staats-, Eisenbahn und Kommunalbauten gerammt.

Macköln-Farbe

(Marke und Name patentamtlich geschützt.)

Ein Anstrich genügt für jeden Untergrund.

Mit 1 kg deckt man 10—15 Quadratmeter.

Macköln kann mit Wasser sofort strichfertig gemacht werden.

Macköln verträgt bis zu 30% Mischfarben oder 60% Kreidezusatz.

Niederlagen an allen grösseren Plätzen Deutschlands weisen nach:
Vereinigte Farben- und Lackfabriken, G. m. b. H.,
vorm. Mack & Cie., Strassburg-Rheinhafen.



Der idealste Innen-Anstrich!

Ersparnis an Material, Zeit und Geld.

Garantie für rasche, tadellose und haltbare Arbeit.

Misserfolg ausgeschlossen!

Vollkommenster und billigster Ersatz für Leimfarbe.

Alleinverkauf für die Schweiz:

Churer Lack- und Farben-Fabrik in Basel.

Preis Fr. 30 per 100 Kg. B. f. N. ab Basel.

NB. Prospekte mit Gebrauchsanweisung u. Zeugnissen zu Diensten.

Central-Heizungen aller Systeme

Warmwasserversorgungen, Sanitäre Einrichtungen, Trockenanlagen f. techn. Zwecke

erstellen

Guggenbühl & Müller, Zürich.

Gesellschaft der L. v. Roll'schen Eisenwerke, Gerlafingen.
Werk: **Giesserei Bern** in Bern.

Konstruktionswerkstätten.

Telephon 1066.

Briefe und Telegramme: Giesserei Bern.

Einziges „Grand Prix“ an der internationalen Ausstellung Mailand 1906 und „Grand Prix“ an der internationalen Ausstellung der Anwendungen der Elektrizität in Marseille 1903 für Seilbahnen und Zahnstangenoberbau.

Spezialfabrik für
Hebezeuge.

Laufkrane jeder Art.

Dreh- und Bockkrane, mit Hand- oder elektrischem Betrieb, feste und fahrbare.

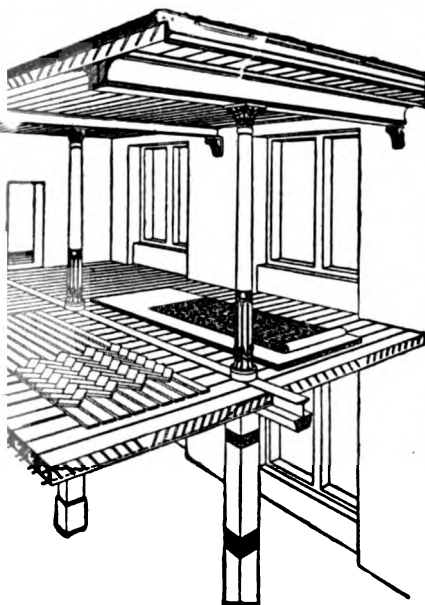
Warenaufzüge für hydraulischen, Transmissions- oder elektrischen Betrieb.

Förderwinden für Hand-, Transmissions- oder elektrischen Antrieb.

Andere Spezialitäten der Firma:

Eisenbahnmaterial, Seilbahnen, Zahnstangenoberbau für Bergbahnen, Schleusen- und Walzenwehre.

Nähere Angaben und Projekte, sowie Referenzen stehen zu Diensten.



Siegwart-Decke (Patente)

bestehend aus einzelnen, sum voraus fabrikmässig hergestellten Zement-Hohlbalcken (Siegwartbalcken), mit armierten Seiten-Wandungen für beliebige Spannweiten bis 6,50 m.

Feuersicher! Einfachster, raschtester Einbau. Schalldicht!
Grosse, garantierte Tragfähigkeit.

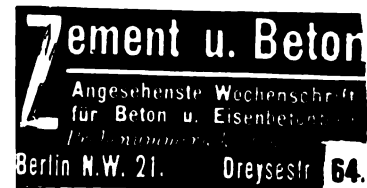
Die fertig erstellten Balcken werden im Bau frei ohne jede Verschalung auf die Tragmauer oder T-Unterstütze aneinander gelegt und die Fugen nachträglich vergossen.

Projektierung und Lieferung dard

Internationale Siegwartbalcken-Gesellschaft Luzern
und

G. & A. Bangerter, Zementwarenfabrik, Lyss (Bern)

Konzessionäre für die Kantone Bern, Solothurn, Basel, Neuchâtel, Freiburg, Waadt, Gené und Valais.



Altes, verkittetes System.



Immer Schaden durch das eingekittete Glasdach.

Kittlose  **Patent No. 37200 und neue Patente ang.**
Glasdächer
Shedfenster Shedrinnen
..... System G. Zimmermann

Generalvertreter für die Schweiz:

M. & H. A. ERNST, THALACKER 21, ZÜRICH I.

Telephon 6996.

Neues, kittloses System.



Dauernd geschützt gegen Regen und Schwitzwasser.

CENTRALHEIZUNGEN

Jeden Systems

Etagenheizungen

Warmwasser-, Trockne-, Badeeinrichtungen
sowie **Sanitäre Anlagen**

erstellt die Firma

Hch. Berchtold's Erben
Thalwil bei Zürich

Gegründet 1859

➔ **Vorzügliche Atteste und Referenzen.** ➔

Die Sonne ist unser einziger Konkurrent.



Lux-Lampen

== 100 Kerzenstärke stündlich 1 Gts. ==

Bewährteste und billigste Beleuchtung für
Fabriken, Werkstätten
Bahnhöfe, Strassen
Läden etc.

Auf Grund automatischer Petroleumauffüllung und Kohlensäuredruck
das bequemste Petroleum-Starklicht unserer Zeit. Ganz gefahrlos.
Verlangen Sie Katalog.

Lux-Lampen, Zürich
Telephon 8285. — Usterstrasse 1, Ecke Bahnhofstrasse

Schweiz. Eternitwerke A.-G.

in **Niederurnen**

mit Filiale in Zürich I, Tiefenhöfe 10 beim Paradeplatz

Asbestcement-Schiefer

für Bedachungen
für Fassadenbekleidungen

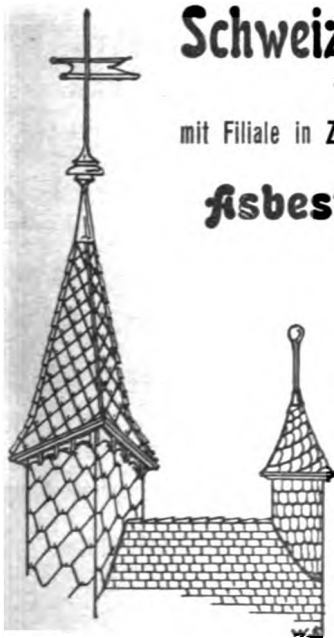
Asbestcement-Platten

für innere, feuersichere
Wand- und Deckenverkleidungen.

Isolationsmaterial

für die Elektrotechnik.

Man verlange Muster und Prospekte.



Armierter Beton.

Monatsschrift für Theorie und Praxis des gesamten
Betonbaues.

In Verbindung mit Fachleuten herausgegeben

von

E. Probst,
Ingenieur in Berlin,

und

M. Foerster,
ord. Prof. a. d. Techn. Hochschule
zu Dresden.

Monatlich ein Heft. — Preis vierteljährlich **M. 2.50**; ganzjährlich **M. 10**

INHALT DES JANUARHEFTES 1909:

Neue Versuche mit Eisenbetonsäulen
und -balken. Von E. Probst.
Maschinenhalle d. Müllverbrennungs-
anstalt in Frankfurt a. M. Von
Ing. E. Mautner.
Allgemeine Bestimmungen des deut-
schen Ausschusses für Eisenbeton.
Von Prof. Dr. M. R. v. Thullie.

Vereinfachte Ermittlung der Si-
nungen. Von cand. ing. Vie-
Die Entwicklung d. Zementindus-
in den Vereinigten Staaten.
Literaturschau. Von Dr. Kögler
Mitteilungen über Patente.
Bücherbesprechungen. — N
Bücher.

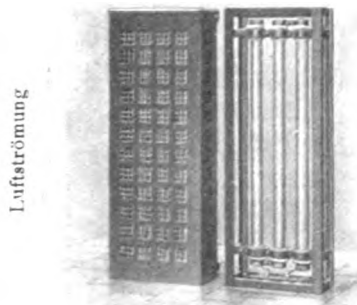
Probehefte jederzeit unberechnet vom Verlag.

Breckderff, Witzemann m. b.

Werke für Elektrotechnik und Maschinenbau

BERLIN S.W., Alexandrinenstrasse 135/6.

Elektrische Heizung.



Luftströmung

Nicht-Strahlung

Unbegrenzte Dauerhaftigkeit
des Materials.

Keine Staubverbrennung.
Keine Luftzersetzung.
Ausführung für beliebige
Stung und Spannung.

Belastungswiderstand
Regulieranlasser, He-
öfen für Luft u. Was-
nach Patent R. v. Brockdo

Kataloge und Preisausstellungen kostenfrei.

Mechan. Bauschreinerei und Parquet-Pal

Stuber & Co., Schüpfen (Bern)

empfiehlt:

Parquets in allen Holzarten, vom einfachsten bis reichsten Des

Bauschreinerarbeiten,

Fenster und Türen als Spezialität.

Prompte Bedienung. Vorteilhafte Preise. Man verl. Offerte

J. Rukstuhl, Base

erstellt auf Grundlage vieljähriger Erfahrung

Centralheizungen

aller Systeme

Warmwasser — Niederdruckdampf etc.

Koks- u. Kohlen-Brecher
stationär und fahrbar
Höchste Leistungsfähigkeit. Komplette Anlagen zur Kohle- und Asche-Förderung.

Pechbrecher
Einsg. rationelle Verdrück-Maschine
für
Briquetfabriken.

Alpine-Maschinenfabrik-Gesellschaft, Augsburg 2
vormals Maschinenfabrik-Gesellschaft | Spezialfabr. f. Zerkü. u. Transport-Anlagen
Ausschuss d. d. Anl.-u. f. Betr. bek. u. v.

Moderne Werkzeugmaschinen für Schnellbetrieb

Stossmaschinen leichter und schwerster Bauart
Karusseldrehbänke — Radialbohrmaschinen

Mehrspindlige Bohrmaschinen, besonders für Kesselbau

Spezialmaschinen für Bau und Betrieb von Eisen- und Strassenbahnfahrzeugen
und für die Elektro-Industrie

Leitspindeldrehbänke Hobelmaschinen Fräsmaschinen

Berliner Werkzeugmaschinen-Fabrik Aktien-Gesellschaft vorm. L. Sentker
BERLIN N. 65, Müllerstrasse 35c

Ind & Cie., Oberrieden-Zürich

Fensterfabrik und Mech. Schreinerei

empfehlen sich zur Uebernahme sämtlicher Glaser- und Schreinerarbeiten.

Die Leistungsfähigkeit — la Referenzen — Telefon Morgen

METALL-TREIBARBEITEN

JEAN EGGER, ZÜRICH IV

METALL-BILDHAUER, Nordstrasse 60

Innen-Dekorationen. Monumentale Figuren
Bau - Ornamente, Guss - Ciselierungen
Kunstgewerbliche Gegenstände in
Kupfer, Messing, Tombak etc.



Lichtpausen über Nacht

erstellt Alfred Böhler, Zeichner, Gasstrasse 33, Basel
Massenheliographien ca. 25 m² pos. Fr. 1.50 per m²,
Papierstärke 110 Gramm prompt neg. Fr. 1.25 und billiger.

Thonwerk Biebrich A.-G.

Chamottefabrik

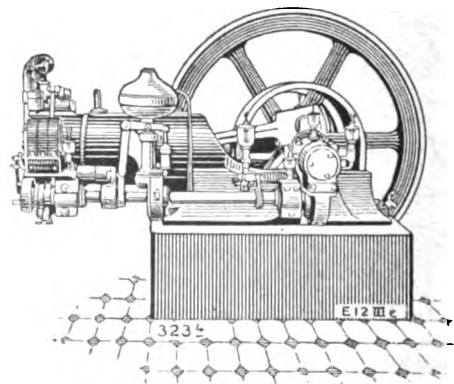
Biebrich am Rhein.

Hochfeuerfeste u. säurebeständige Produkte.

Normal- und Façonsteine aller Art, Chamottemörtel,
Retorten, Muffeln etc. Bau kompletter Ofenanlagen.

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für Leuchtgas, Benzin, Petrol etc.
bieten in den neuesten Ausführungen bisher unerreichte
Vorzüge.

Sauggasmotoren, Rohölmotoren

Billigste Betriebskraft. Zuverlässig. Solid.

Gasmotoren-Fabrik „Deutz“ A.-G.

Zürich, Bahnhofplatz 5.

Geiger'sche Fabrik

für Strassen- u. Hausentwässerungs-Artikel, G. m. b. H.

KARLSRUHE i. B. 11

SPEZIALITÄT:

Einrichtungen für Kläranlagen. Gesetzl. geschützt u. vorzögl. bewährt.

Einlass- und Ablass-Schützen mit der vorzüglich bewährten,
geschützten Rollenführung und Rollenkeilverschlüssen,
Wehrschützen, Vorrichtungen zum schichtenweisen Ab-
lassen von Klärbecken, Spül- und Sperrtüren, Klappen.

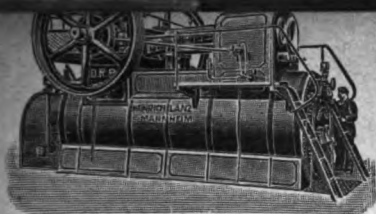
Rechenanlagen, Siebschaukelräder.

Generalvertrieb des Frankfurter Klärrechen.

Selbstregistrierende Apparate zum Messen der Durchfluss-
wassermenge.

Lieferanten sämtl. Konstruktionen nach eigenen Entwürfen für die
Kläranlagen in Frankfurt a. M., Mannheim, Elberfeld,
Glessen, Düsseldorf, Beuthen, Halberstadt u. s. w.

Entwurf u. Ausführung aller Vorrichtungen für Klär-
anlagen. — Vorzügliche Empfehlungen von Behörden.



Heinrich Lanz :: Mannheim

Patent-Heissdampf-Lokomobilen mit Ventilsteuerung „System Lentz“ sind anerkannt die einfachsten und wirtschaftlichsten Lokomobilen der Gegenwart.

Verkaufsbureau für die Schweiz: Zürich, Auf der Mauer Nr. 13.

Zentralheizungen erstellen GEBR. LINCKE, ZÜRICH

A. W. FABER'S "CASTELL"-Bleistift
der beste der Gegenwart.



16 fein abgestufte Härtegrade.
Feinste Spitze. Grösste Zartheit des Striches.
Geringste Abnutzung, daher längste Dauer.

A. W. FABER'S "CASTELL"-Kopierstift

Zu haben in den Schreib-
und Zeichenwaren-Handlungen.

der beste der Gegenwart.

Bleistiftfabrik A. W. FABER in Stein bei Nürnberg, gegründet 1761.

A. RIEBER, Maschinenfabrik, Reutlingen (Württemberg.)

Fernsprecher Nr. 46.

Gegründet 1879.

Telegr.-Adr.: Rieber, Reutlingen.

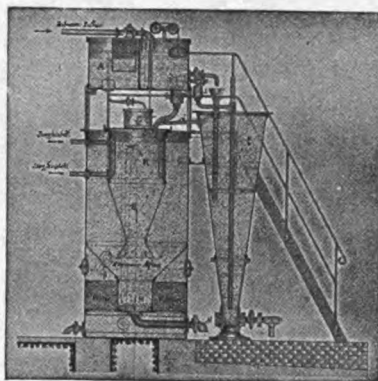
Filialen in Frankfurt a. M., Taunusstrasse 44 und Lörrach in Baden.

Autogen
geschweisste



u. Façonstücke
in allen Dimensionen.

Wasser-Reinigungs-
für Nutz-



und Filter-Anlagen
und Abwässer.

Schlauchwasch-Apparate

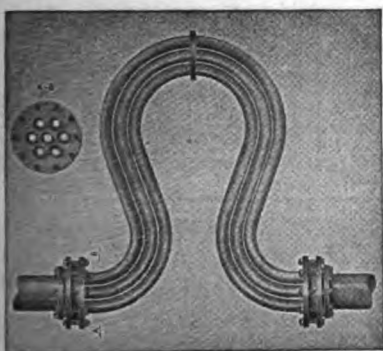
D. R. G. M. Nr. 291 197.

Hochdruck-Rohrleitungen

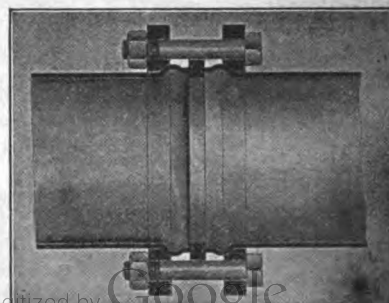
mit
Flanschenverbindungen
„System Rieber“.

Feder-Bogen, D. R. G. M. Nr. 284 150.

Färbe-Apparate D.R.P.

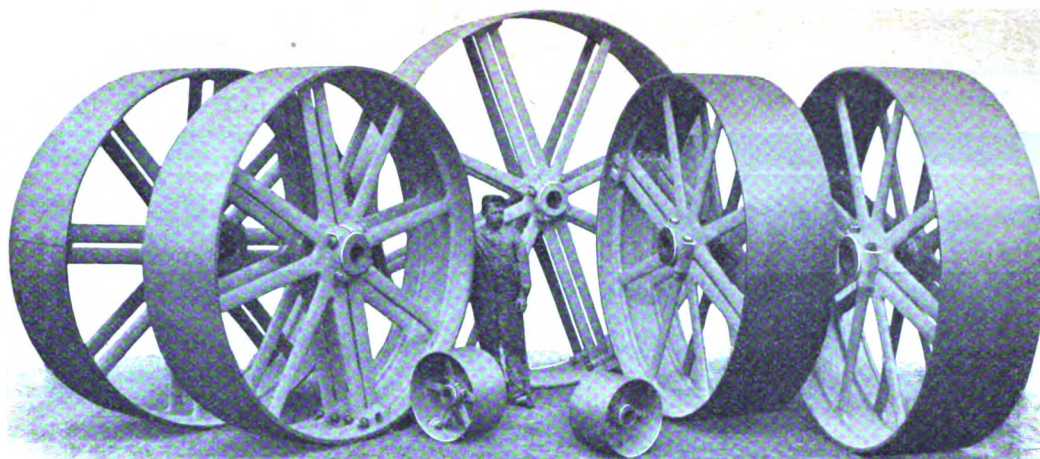


Autogen
geschweisstes
Façonstück.



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Komplette Anlagen für alle Industriezweige.



Gusseiserne Riemenscheiben für Hauptantriebe, bis 3300 mm Durchmesser geliefert.

Ringschmierlager, Zahnkupplungen,
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EISENWERK CLUS.

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Brücken:

Eisenbahn- u. Strassenbrücken.
Ueber- und Unterführungen.

Fabrikbau-Konstruktionen

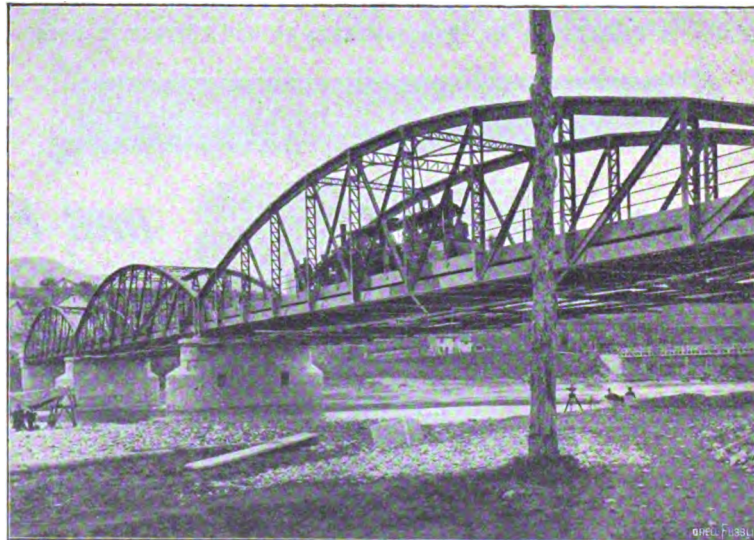
eder Art, als Konstruktionen
für Shed-, Sattel-, Holzsement-
Dächer, Riegelwandfachwerk,
Säulen u. Unterrüge, Oberlichter,
Treppen, Wellblechbauten, Vor-
dächer.

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Interbau für schwimmende
Badanstalten.



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Binder- und Säulenkonstruk-
tionen über grosse Säle und
für Umbauten.

Gittermaste

für elektr. Leitungen u. Bahnen,
Bogenlampen, Seilbahnen.

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Aussichtstürme.

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und daher
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Sihlhofstrasse 27 **ZÜRICH**

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u. Beton

Dr. Gaspary u. Co., MarkKranstädt

Neuer Gesamtkatalog Nr. 140 gratis.

C. F. ULRICH, ZÜRICH

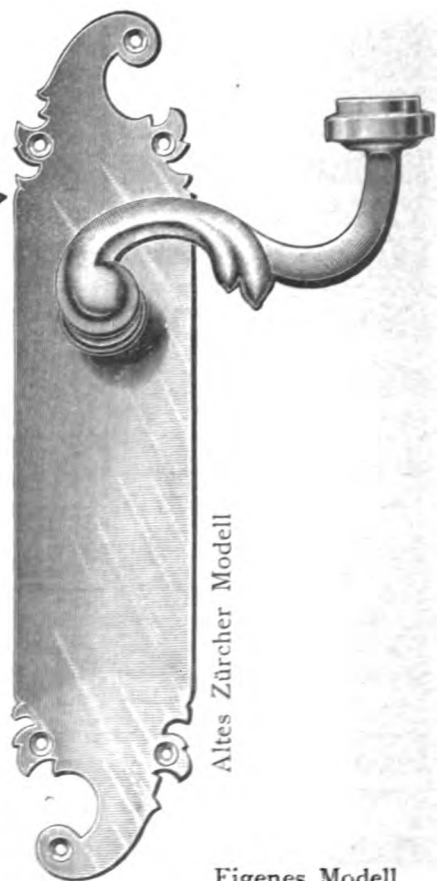
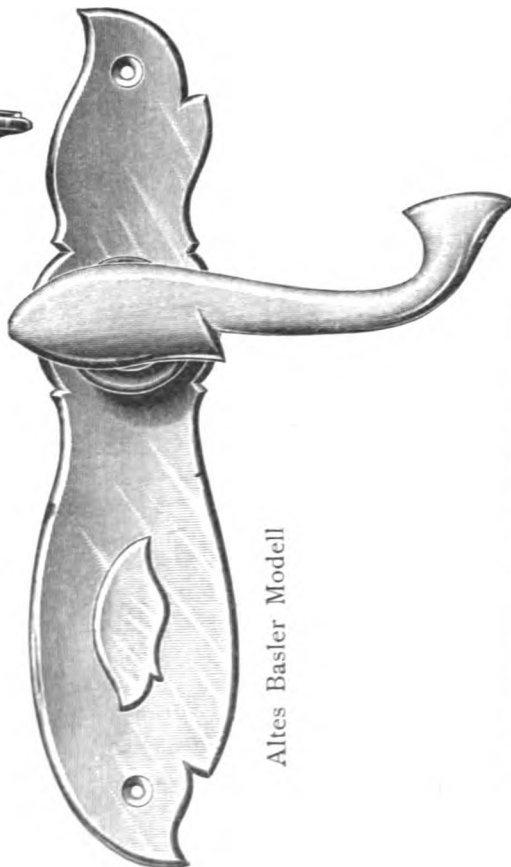
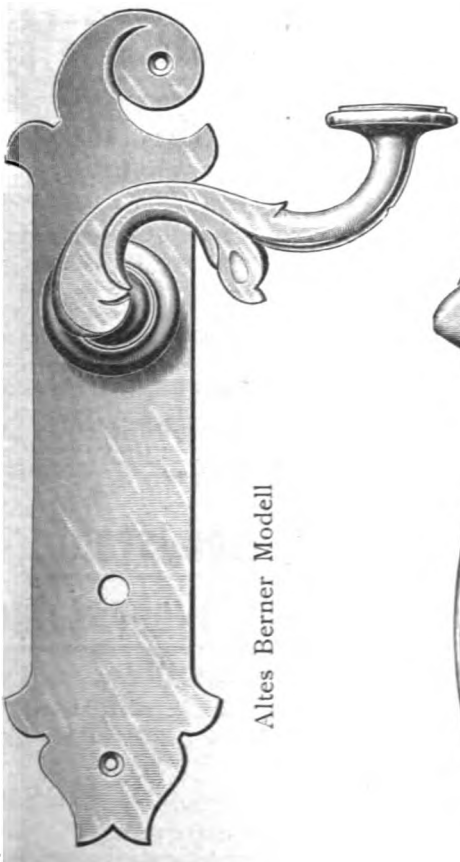
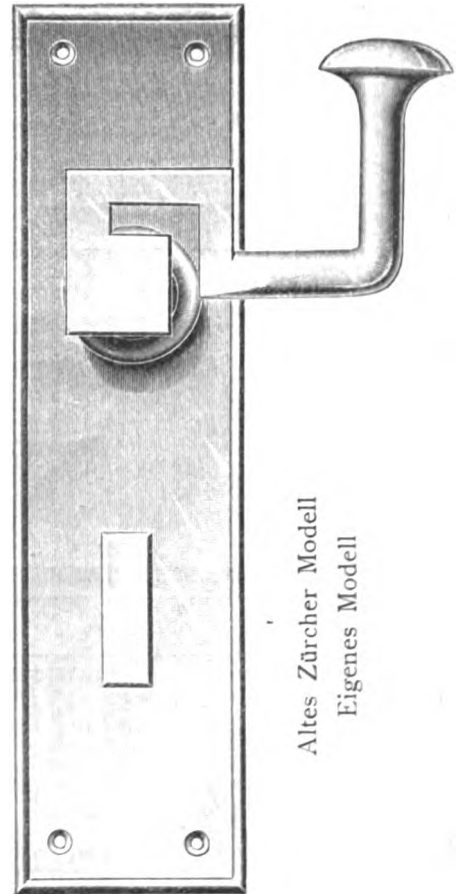
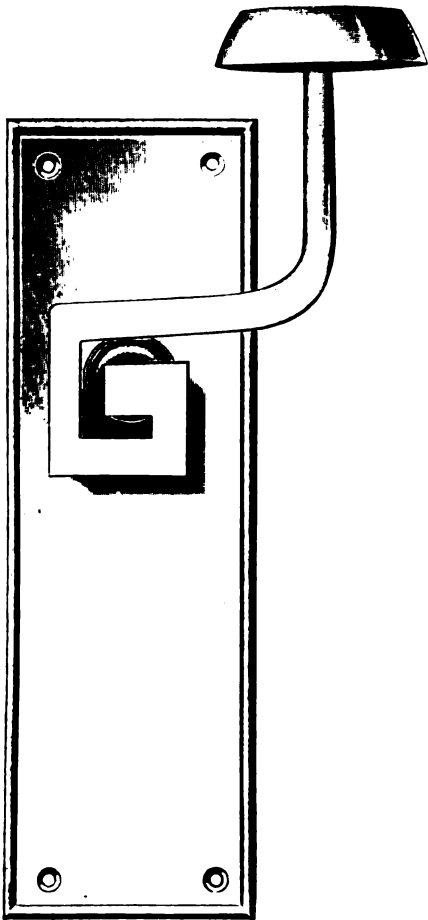
Niederdorfstrasse 20

**Spezial-Geschäft
für Baubeschläge**

Permanente Ausstellung

Album, Preis-Offerten und
Muster zu Diensten.

Man beachte meine gegen-
wärtige Auslage



A.-G. Alb. Buss & Co., Basel

Gesellschaft für Eisenkonstruktionen, Wasser- und Eisenbahnbau.

Abteilung: Brückenbau, Kesselschmiede, Mechanische Schlosserei.

Werkstätten in Basel, Pratteln und Mäland.

Brücken — Stege — Krananlagen — Hochbaukonstruktionen — Leitungsmaste, Stauwehr-, Schleusen- und Rechenanlagen.

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LEGT
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BETON
LINOLITH-GESELLSCHAFT
PROSPECT ZÜRICH I GRATIS



Schweizer. Lichtpausanstalten A.-G.
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BERN, Amthausgasse, 2 — Unterstr., 43, ST. GALLEN
Spezialität: Trockendruck (Plandruck)
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Heliographie-, Paus- u. Zeichenpapiere
..... Lichtpausapparate
Man verlange Muster und Preislisten.



**Tiefbohrungen
Rohrbrunnen**
nach unserem jahrzehntlang bewährten System.

Volle Erschliessung
wasserführender Erd-
schichten, daher
gr. Ergiebigkeit.
Ueber 4000 Brunnen
hergestellt.
Leistungen bis
120 Sekunden - Liter
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Industrien, Brauereien
etc. etc.
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Kölliken, Knutwil,
Luzern,
Rothenthurm,
Waldstatt, Wangen,
Winterthur, Worben
Zürsach, Zürich
etc. etc.
Projekte, Kostenan-
schläge auf Wunsch.
Bopp & Reuther
Mannheim-Waldhof
Maschinenfabrik.
Basel, Austrasse 102
Ingenieur F. Hetzel.




Heinrich Brändli, Horgen
Asphaltgeschäft
übernimmt:
Asphalt-Arbeiten, Asphalt-Isolierungen,
zweckentsprechend für Hoch- und Tiefbauten in nur
bewährter fachgerechter Ausführung und gewissenhafter
Bedienung mit Garantie. ☐ Referenzen zu Diensten.
Telegr.: Heinrich Brändli, Horgen. Telephon.




**Amerikanische
Tiegellguss-
Werkzeugstahle
Steinbohrstahle
erster Güte.**
Grosses Lager in allen Dimensionen und für alle Zwecke.
Bitte, verlangen Sie Preis-, Vorrats- und Härtelisten von den
Alleinverkäufern für die Schweiz:
Affolter, Christen & Cie., Basel
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Schluss-Termin für Annahme von Inseraten jeweiligen Mittwoch Abend.

Prima Referenzen

liefern und erstellen als Spezialität unter Garantie

: **Centralheizungen aller Systeme** :

Filialen St. Gallen & Lugano

Sanitäre Einrichtungen wie Bad-, Wasch-, Closets- und Toiletten-Einrichtungen.

G. LAQUAI

Ingenieur-Bureau

Concordiastr. 22 **ZÜRICH** Telephon 7438

Vacuum Cleaner- (Entstaubungs-) Anlagen

jeder Leistungsfähigkeit, den Verwendungszwecken genau angepasst, + 25931 Patent Booth

Patent Vacuum-Compressoren

für Elektrizitätswerke und Tramwaydépôts

Beton- und Mörtelmischmaschinen

+ Patent 33246 und Auslands-Patente

— **Erstklassige Referenzen** —

Man verlange Prospekte und Offerten

Planolin-Nivelliermasse

man ausbessern alter Böden jeder Art und abglätten von Betondecken in Neubauten, einzige

sofort trocknende Linoleum-Unterlage.

Verarbeitung leicht, nur mit Wasser.

Billigste Linoleum-Unterlage, da Material-Aufwand gering.

H. H. PFISTER & Co., BASEL XI.

Schmirgelscheibenfabrik

Winterthur Bölsterli & Co

Erstklassige Referenzen
von Weltfirmen.



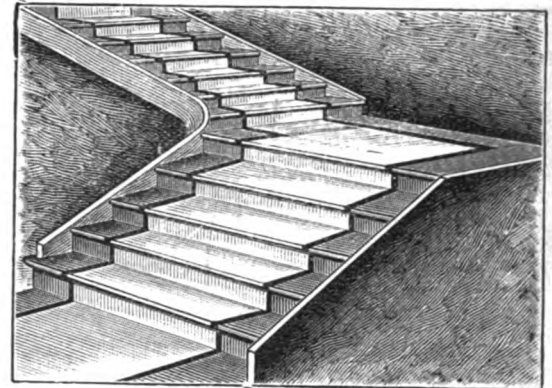
Vereinigte Xylolith- und Kohlensäurewerke A.-G.

WILDEGG

+ Patent Nr. 9080

Treppenstufen aus Xylolith

für Belag von



eisernen Treppen, hölzernen und Betontreppen; Wendeltreppen; abgelaufenen Sandsteintreppen.

Grosse Standsicherheit, feuersicher, grösste Solidität.

Unsfarben oder mit gefärbtem Treppenläufer.

Einzig in der Schweiz bis jetzt ca. 200 000 m² Böden und zirka 10 000 Treppenstufen gelegt.

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D. R. G. M. — zum schnellen und gründlichen Austrocknen von Neubauten und leuchten Räumen. Bewährt vielfach und bei Behörden eingeführt. Wirkt nicht durch strahlend Wärme, sondern hauptsächlich durch stetigen Luftwechsel.



Vorteile: In wenigen Tagen gründliche Ausströmen schädlicher Gase. Vollkommene Erhärtung des noch frischen Verputzes, einfache nicht ständige Ueberwachung bei Tag und Nacht; mehr jährige Gebrauchsfähigkeit; leichte Ersetzbarkeit der dem Feuer ausgesetzten Teile. Beste Ausnutzung des Koksmaterials. In 24 Stunden nur 1 bis 1 1/2 Zentner Koks nötig. Ein Ofen für 100 cbm Raum. Zu beziehen à Fr. 100.— ab München durch

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Joh. Jacob Rieter & Co., Winterthur

TURBINEN

neuester Konstruktion und höchstem Nutzeffekt für alle vorkommenden Verhältnisse.

Präzisions-Regulatoren

mit mechanischer u. hydraul. Wirkung.

Transmissionen, Kesselschmiede-Arbeiten.





AUSFÜHRUNG FEINER METALLARBEITEN

:: :: Schmiedeisen, Messing, Kupfer etc., :: ::
geschmiedet, gehämmert, getrieben, ziseliert

WERKSTÄTTEN RIGGENBACH, BASEL.



OEHLER & Co, AARAU, Maschinenfabrik, Eisen- und
Stahlgiessereien

empfehlen

Elektrostahlguss

für Maschinenteile aller Art, speziell zur Fabrikation von Dynamogehäusen, Polschuhen etc., wo es auf ein grosses magnetisches Leitungsvermögen ankommt. Der Guss ist nach den Untersuchungen des Herrn Professor Dr. Weber,

vom eidgen. Polytechnikum, dem gewöhnlichen Dynamostahlguss hinsichtlich seiner **magnetischen Eigenschaften bedeutend überlegen**. Er übertrifft sogar den Tiegelstahlguss hinsichtlich Festigkeit und Dehnung, ist billiger und kann sehr rasch geliefert werden.

Gewerkschaft Grillo, Funke & Co.

Gelsenkirchen-Schalke

Siemens-Martin-Stahlwerk, Blechwalzwerk, Wellrohrwalzwerk, Wassergas-Schweissswerk.

liefert als Spezialitäten:

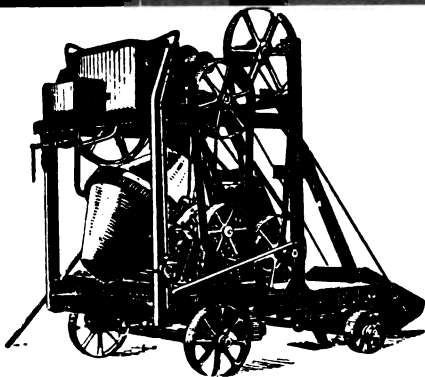
mit Wassergas aus eigenem S.-M. Flusseisen

geschweisste Rohre

von 450 mm Durchmesser bis zu den grössten Weiten und in Wandstärken bis zu 40 mm für
Dampf-, Wind-, Gas-, Wasser-, **Kanalisation**-, Ducker- und Turbinen-Leitungen.

Tel.-Adr.: Blechwalzwerk Gelsenkirchen. Kostenanschläge bereitwilligst. ——— 1600 Arbeiter. ———

VERTRETER unserer Abteilung „Wassergas-Schweissswerk“ ist Herr Ingenieur J. Aumund, Zürich.



Sensationelle Erfindung (Patent)!

Der neue amerikanische

Beton-Mischapparat „Smith-Milwaukee“

übertrifft an Leistung u. Einfachheit der Konstruktion alles bisher in dieser Richtung Gebotene.

Allein-Fabrikanten für Deutschland und angrenzenden Ländern:

DRAISWERKE G. m. b. H., Mannheim-Waldhof.

Interessenten belieben sich an unsern Generalvertreter für die Schweiz:

Fritz Marti, Aktiengesellschaft in Bern, zu wenden.



Anerkannt beste

Dynamit-Sorten

für alle Sprengzwecke

sowie

Zündschnüre und Kapseln

liefert

Dynamit Nobel, A.-G., Zürich

Fabrik in Isleten (Örl).

Dépôts in der ganzen Schweiz.

Mythenstrasse 10.

Telephon 3025.

Spezialität in Aufnahmen industrieller Objekte, Gebäude, Interieurs, Gemälde, Sammlungen und Aufnahmen für Kataloge und Werke aller Art. — Entwickeln und Kopieren etc. von eingesandten Platten.

H. Wolf-Bender

Kappelerstrasse 16 — ZÜRICH I — Centralhof

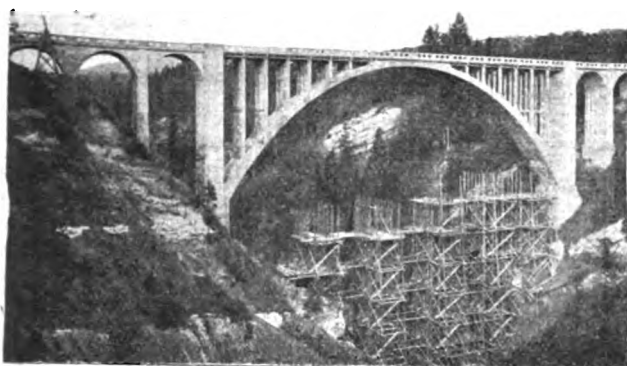
Atelier für Reproduktions-Photographie.



Froté, Westermann & Co., A.-G., Zürich

Theaterstrasse 12

Ingenieurbureau und Bauunternehmung



Gmündertobelbrücke; grösster Bogen in armiertem Beton von 79 m Spannweite. Vollendet 1908.

Konstruktionen in armiertem Beton des Hoch- und Tiefbaues aller Art:

Brücken, Viadukte, Wegüberführungen, Fundationen, Wehrbauten, Kanalisationen, Fabrikbauten, Lagerhäuser, Warenhäuser, Hallen, Hotelbauten, Decken- und Treppenkonstruktionen, Fundamentplatten, Leitungsmasten, Reservoirs und Silos.

Projekte — Bauausführung — Kostenvoranschläge — Bauleitung
Wasserkraftanlagen — Drahtseilbahnen — Bahnen.



Zweiketten-Greifbagger

Einketten - Selbst-Greifer (D. R. P.)

an jedem Kran anwendbar.

Fertig auf Lager, auch zur Miete.

Menck & Hambroek
G. m. b. H.
Altona-Hamburg 32.

Accumulatoren

für alle Zweige der Industrie:

für Zentralen, Fabriken, Private, Laboratorien, Automobile, Schiffe, Waggonbeleuchtung usw.

liefert

Accumulatoren-Fabrik Oerlikon

in OERLIKON bei Zürich.

Bureau für die Westschweiz: Lausanne, Chemin Vinet 29

Offener
Flüssigkeitsmesser

zur Messung von Wasser, Säuren, Spirit, Lauge, Milch, Bier, Soole, Melasse, Petroleum, Diffusionsaft, u. s. w.

J. C. Eckardt, Stuttgart-Cannstatt.



12 Comprimierte & abgedrehte, blanke STAHLWELLEN



Montandon & Cie. A. G. Biel

Blank und präzise gezogene



jeder Art in Eisen & Stahl.

Kaltgewalzter blanker Bandstahl bis 180 mm Breite



Gustav Griot

ehem. Brücken- u. Masch.-Ingen. d. S. C. B. u. N. O. B.

Zürich

Telephon 183
= Brücken =
Hebemaschinen



Freiestr. 94
Eisenhochbau
Armierter Beton

Projekte, Werkpläne, Gutachten.

Digitized by Google

Neichguss

aus prima Rohmaterial, sorgfältig geformt, gut gegläht und sauber verputzt.

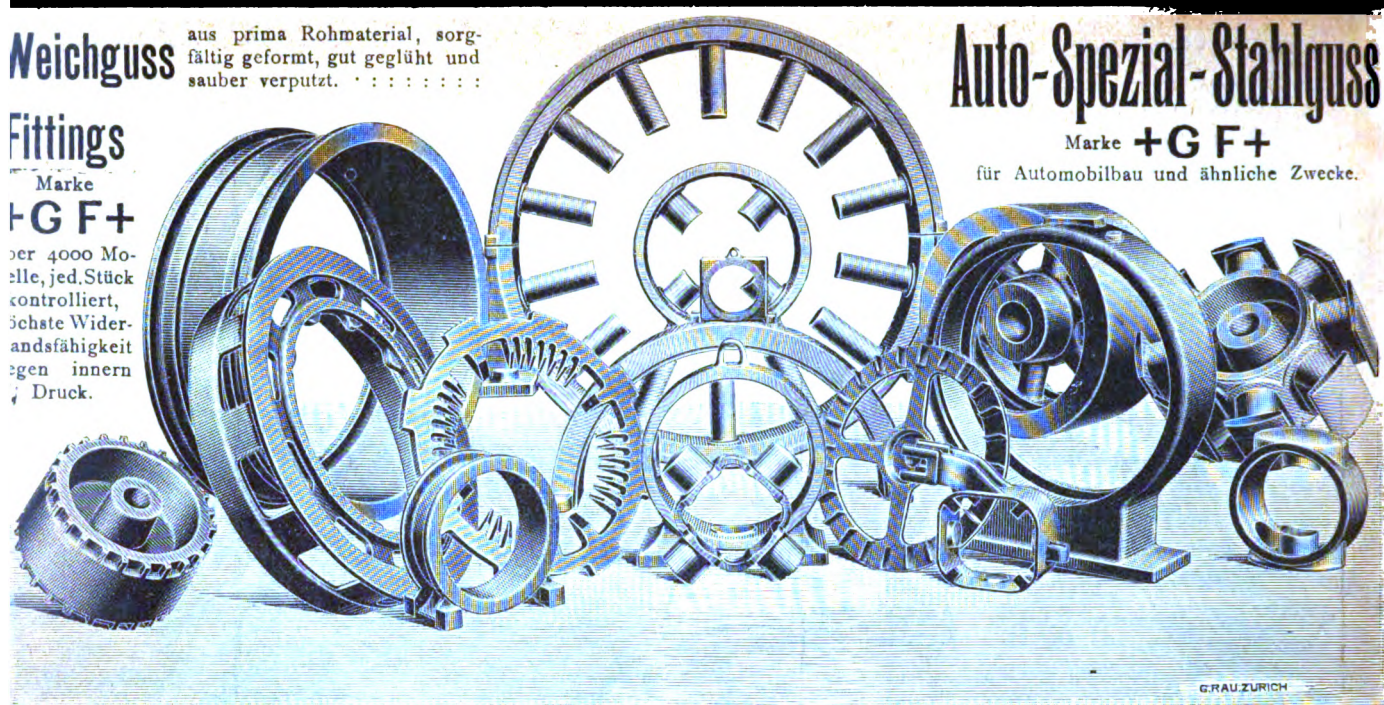
Fittings

Marke
+G F+

über 4000 Modelle, jedes Stück kontrolliert, höchste Widerstandsfähigkeit gegen innern Druck.

Auto-Spezial-Stahlguss

Marke **+G F+**
für Automobilbau und ähnliche Zwecke.

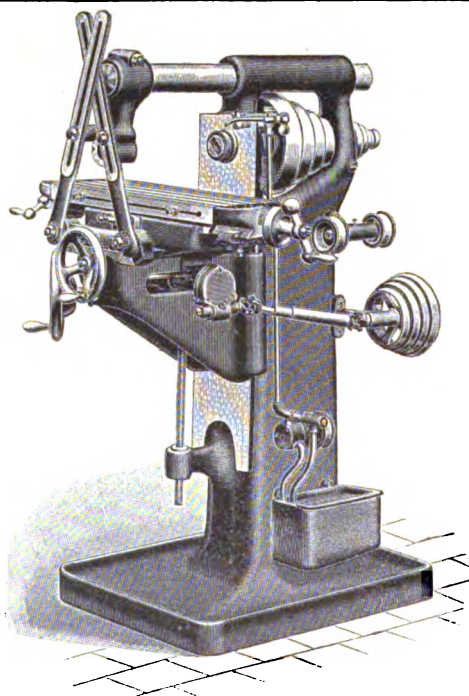


Stahlguss - Stücke

für den Bau von:

Lokomotiven, Waggonen, Dynamen, Motoren, Dampfmaschinen, Dampfturbinen, Kranen, Werkzeugmaschinen, Turbinen, Pumpen, Brücken, Schiffen, Transmissionen, für hydraulische, pneumatische und Dampf-Anlagen, für die Ziegelei-, die Zement- und die chemische Industrie für Hammer- und Walzwerke, für Kesselschmieden etc. etc. etc.

Unser Stahlguss ist leicht zu bearbeiten, zuverlässig und dabei sorgfältig geformt und gut verputzt, sein Härtegrad wird dem jeweiligen Verwendungszweck der Abgüsse angepasst.



EINFACHE FRÄSMASCHINE
Nr. 1 MIT VORSCHUBWECHSEL
:: DURCH STUFENSCHLEIBEN ::

EINFACHE PLAN-, UNIVERSAL-
& VERTIKAL-FRÄSMASCHINEN
SOWIE AUTOMATISCHE RÄDER-
:: :: FRÄSMASCHINEN :: ::

WANDERER-FRÄSMASCHINEN DER WANDERER-WERKE A.-G.

LAGER!

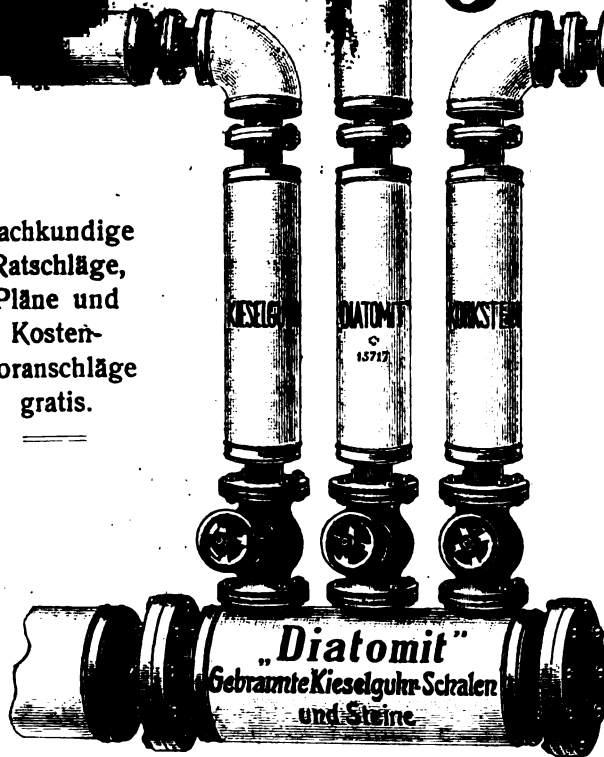
VERTRETUNG FÜR DIE SCHWEIZ:

LAGER!

W. WOLF, Ingenieur, vorm. WOLF & WEISS, ZÜRICH I, BRANDSCHENKESTRASSE No. 7

Isolierungen aller Art.

Fachkundige
Ratschläge,
Pläne und
Kosten-
Voranschläge
gratis.



Lieferung bewährtester Isolirmaterialien
und
Ausführung kompletter Isolierungen
durch eigene Facharbeiter.

- A. Isolierungen zum Schutze gegen Wärme-Verluste**
für
Dampfkessel, Dampfleitungen und Zentralheizungs-Anlagen.
- B. Isolierungen zum Schutze gegen Kälte-Verluste**
für
Kälteflüssigkeits-Leitungen bei Eismaschinen-Anlagen, sowie
für Generatoren, Kühlräume, Lager- und Eiskeller.

WANNER & Cie. HORGEN

Erstes Fachgeschäft für maschinen- u. bautechn. Isolierungen.
Generalvertreter der Korksteinfabrik
GRÜNZWEIG & HARTMANN, G. m. b. H., LUDWIGSHAFEN a. Rh.

GRAND PRIX
Mailand 1906

Kern & Co., Aarau.

20 erste Auszeichnungen. ☒ Gegründet 1819. ☒ Grand Prix Paris 1889.

Erstklassige Instrumente

für

Topographie, Geodäsie, Astronomie.

Präzisions-Nivellierinstrumente und Miren.

Alle grösseren Instrumente tragen Zeissoptik.

Libelle Zwloky. — Wesentliche Konstruktions-Neuerungen. — Dosenlibelle Mollenkopf.

Feinste Schweizer Präzisions-Reisszeuge.

Rundsystem.

Patente: Zirkelkopf, bei welchem Feststecken der Axe und toter Gang ausgeschlossen.

Geradehalter der Kopfgriffe.

Reissfeder Ideal, zum sofortigen Wiedereinstellen auf innegehabte Strichstärke nach Reinigen der Feder.

Spitzenregulator, etc. etc.

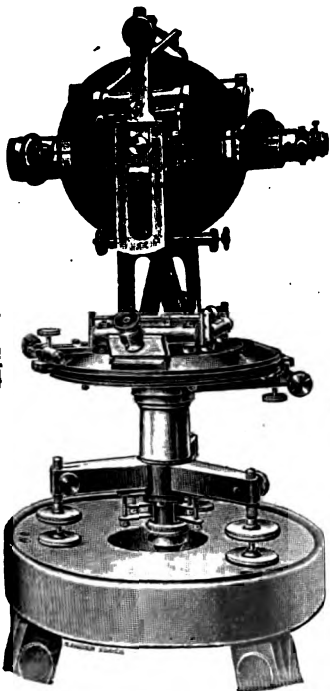
Alle unsere Instrumente
tragen unsere gesetzlich
geschützte Fabrikmarke



Kataloge 1904.

Telegramme: Kern Aarau.

Telephon.



Sensationelle Erfindung (Patent)!

Der neue amerikanische

Beton-Mischapparat „Smith-Milwaukee“

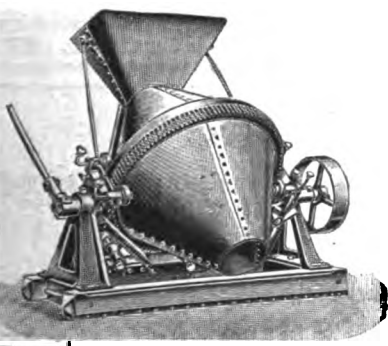
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DRAISWERKE G. m. b. H., Mannheim - Waldhof.

Interessenten belieben sich an unsern Generalvertreter für die Schweiz:

Fritz Marti, Aktiengesellschaft in Bern, zu wenden.



Bahnbauarbeiten.

Für den zweigleisigen Ausbau der Bahnstrecke Schaffhausen-Singen von Km. 365,345 bis 383,475 der Hauptbahn Basel-Konstanz sollen die Unterbau- und Bettungsarbeiten in zwei Losen getrennt oder auch zusammen öffentlich vergeben werden und zwar:

Los I, von Km. 365,345 bis 374,725, auf **Schweizer**-Gebiet gelegen:

Erd- und Felsbewegung	95,000 cbm
Befestigung der Böschungen	73,000 qm
Kronenplanie und Planie der Seitenablagerungen	78,000 qm
Herstellung von Weg- und Stationsflächen	28,000 qm
Fundamentaushub für Bauwerke und Stützmauern	3,200 cbm
Pfahlgründung hiezu	2,300 lfd./m
Mauerwerk hiezu	4,400 cbm
Verkleidung der Sichtflächen hiezu	2,800 qm
Bahnsteigrandsteine	300 lfd./m
Pflasterarbeiten	1,100 qm
Cementröhrendohlen	380 lfd./m
Gewölbe- und Brückenabdeckung	300 qm
Sicherungen	3,000 cbm
Bettungskies	18,000 cbm

Los II, von Km. 374,725 bis 383,475 auf **badischem** Gebiet gelegen:

Erd- und Felsbewegung	83,000 cbm
Befestigung der Böschungen	98,000 qm
Kronenplanie und Planie der Seitenablagerungen	72,000 qm
Herstellung von Weg- und Stationsflächen	24,000 qm
Fundamentaushub für Bauwerke	1,600 cbm
Pfahlgründung hiezu	300 lfd./m
Mauerwerk hiezu	1,600 cbm
Verkleidung der Sichtflächen hiezu	800 qm
Bahnsteigrandsteine	200 lfd./m
Pflasterarbeiten	400 qm
Cementröhrendohlen	180 lfd./m
Gewölbe- und Brückenabdeckung	160 qm
Sicherungen	2,100 cbm
Bettungskies	17,000 cbm

Pläne und Bedingungen liegen zu den üblichen Geschäftsstunden auf dem diesseitigen Dienstzimmer zur Einsicht auf, woselbst auch die Angebotsformulare erhoben werden können. Ein Versenden derselben, sowie der Verdingungsunterlagen nach auswärts findet nicht statt.

Angebote auf diese Arbeiten sind verschlossen, vollständig ausgefüllt und ausgerechnet, von dem Bieter unterzeichnet und mit der Aufschrift **Angebot auf Bauarbeiten für das II. Geleise Schaffhausen-Singen Los.....** versehen, spätestens bis

Samstag den 15. Dezember 1906, Vormittags 11 Uhr, an welcher Zeit auch die öffentliche Verdingungsverhandlung stattfindet, bei der unterzeichneten Stelle einzureichen.

Zuschlagsfrist 4 Wochen.

Singen, 9. November 1906.

Grossh. Bahnbauinspektion.

Ausschreibung.

Die erledigte **Stelle eines Inspektors** für die Gebäude-Brandversicherungsanstalt des Kantons Solothurn und die Feuerpolizei wird zur Besetzung ausgeschrieben. Bewerber müssen im Hochbaufach bewandert sein. Erfahrungen in der Feuerpolizei, dem Feuerwehrdienst und dem Versicherungswesen sind erwünscht. Bewerbungen sind unter Beigabe von Ausweisen bis zum 10. Dezember nächsthin beim unterzeichneten Departement anzubringen, das in der Sache auch nähere Auskunft erteilt.

Solothurn, 15. November 1906.
Für das Finanz-Departement des Kantons Solothurn:
Rud. von Arx, Reg.-Rat.

Zu verkaufen:

Eine in der Ostschweiz gelegene, in bestem Betriebe sich befindliche **mech. Schreinerei und Parkettfabrik.** Dieselbe ist eingerichtet für ca. 40 Mann, könnte aber bedeutend vergrössert werden. Die Betriebskraft besteht aus einer 50pferdigen Turbine. Elektrische Kraft ist billig im Ort erhältlich. Anfragen vermittelt unter Chiffre Z. K. 11385 die Annonc.-Expedition **Rudolf Mosse, Zürich.**

Stellen-Ausschreibung.

Für die Bauausführung der projektierten Erweiterung des städtischen Elektrizitätswerkes sind nachgenannte Stellen sofort zu besetzen:

- a) **ein Ingenieur**, mit Hochschulbildung und Erfahrung im Tunnel- und Wasserbau, Legung von Rohrleitungen;
- b) **ein Bauzeichner.**

Schriftliche Anmeldungen mit Angabe der bisherigen Tätigkeit, der Gehaltsansprüche und des frühesten Eintrittstermins, sind **bis zum 3. Dezember a. c.** verschlossen an Herrn **Stadtpräsident Dr. C. Spahn** einzureichen.

Nähere Auskunft erteilt Herr **Stadtingenieur Stocker**, sowie Unterzeichneter.

Schaffhausen, den 15. November 1906.
Elektrizitätswerk der Stadt Schaffhausen,
Der Direktor: **H. Geiser.**

Stadtingenieurstelle.

Infolge Rücktrittes des bisherigen Inhabers ist die Stelle eines **Stadtingenieurs von Solothurn** mit einem Jahresgehalt von 4—5000 Fr. auf 1. Januar 1907 neu zu besetzen.

Bewerber mit technischer Hochschulbildung wollen ihre **Anmeldung** mit Zeugnissen und Angaben über Personalien, Bildungsgang und bisherige Berufstätigkeit **bis 3. Dezember** an die unterzeichnete Amtsstelle ein-senden, welche auch nähere Auskunft über die Anstellungsverhältnisse erteilt.
Solothurn, den 6. November 1906.

Ammannamt der Einwohnergemeinde.

Freiwillige Versteigerung.

Montag den 26. November 1906, nachmittags 2^{1/2} Uhr, findet in der Wirtschaft zum Sternen in Lauffohr bei Brugg (Kt. Aargau) eine **Versteigerung der Mühle mit Sägerei Lauffohr** statt. Zum Verkaufs-objekt gehört eine Wasserrechtskonzession für 58 HP., ferner Oekonomiegebäude mit Garten und Wiesland. Der Gebäudesekuranzwert beträgt Fr. 44,500.—. Die gut erhaltenen, hellen und geräumigen Mühle- und Sägereiräumlichkeiten eignen sich vorzüglich für ein Holzbearbeitungs-geschäft oder ein anderes industrielles Unternehmen. Die Gantbedingungen können kostenlos vom «Motor», A.-G., bezogen werden.

Kauflustige ladet höflich ein
Baden, im November 1906. „Motor“
Aktiengesellschaft für angewandte Elektrizität in Baden.

Zu verkaufen:

Eine seit mehreren Jahren mit gutem Erfolg betriebene, grössere **Mechanische Möbelschreinerei** mit geräumigem Bureau und Magazin an gewerblichem Orte im Kanton Bern. Jetziger Geschäftsführer würde sich beim Kaufe event. beteiligen. Offerten erbeten unter Chiffre Z. X. 11373 an die Annoncen-Exp. **Rudolf Mosse, Zürich.**




Grandes Carrières de St-Imier (Jura)


Steinbrüche in St-Imier und Villeret
Oeschger, L'Hardy & Co.,
Nachfolger von **Rothacher & Co.**
— Hellgelber Kalkstein —
Druckfestigkeit 1892 kg per cm², politurfähig, gleich-
mässige Struktur, Werkstücke in allen Grössen bis zu 5 m³.
 **Grosser Steinmetzbetrieb, Steinsägerei etc.** 


Litosilo Kunstholz-Bodenbelag.

Dauerhaft wie Eichenholz.
Guss auf jeden soliden Unterboden.
Langjährige eigene Erfahrung.
CH. H. PFISTER & Co, BASEL.

Centralheizungsbauwerk Bern, N.-U., J. Rue

Internationale Ausstellung Mailand 1906:  Grand Prix 

empfiehlt sich zur Erstellung von **Zentralheizungen aller Systeme; Wäschereien, Tröcknereien, Bade-Einrichtungen und Desinfektions-Apparate, Giesserei, Kupfer- und Kesselschmiedearbeiten.** — Fabrik: Station Ostermundigen. Depot: Speichergasse Nr. 35, Bern

 Für die Fabrikation eines konkurrenzlosen Artikels der Metallbranche wird tüchtiger Kaufmann als **Teilhaber** mit

ca. 40—50 000 Fr. Einlage

und zur Erledigung der kaufm. Geschäfte gesucht. Gewinn 60—80 % bei leichter Absetzbarkeit. Fabrik mit Kraft und Licht u. gröss. Kapital schon vorhanden. — Offerten unter Chiffre H. 7002 Y. an **Haasenstein & Vogler, Bern.**

Verkauf.

Infolge Neubau des Gaswerkes sind zu verkaufen:

1. Die **Ofen-Armaturen** zu drei 5er Oefen, bestehend aus Vorlagen, Retörtenköpfen, Steig- und Sattel-Röhren etc. (Bauart Giroud, Schweiz).
2. **Diverse Apparate.**
3. Ein **Gasbehälter mit Eisenbassin** von 400 m³ Inhalt (Klönne, Dortmund).
4. Die gusseiserne **Betriebsleitung.**

**Städtisches Gaswerk
Burgdorf (Schweiz).**

Industriegebäude zu verkaufen.

Ein anno 1900 ganz massiv, mit Schienenunterzügen, neu erbautes Brauereigebäude ist zu verkaufen. Dasselbe ist 19 Meter lang, 15 Meter breit und drei Stockwerke hoch. Dampf- u. elektrische Kraft-Anlage ist vorhanden. Das Gebäude würde sich zu allen industriellen Zwecken eignen, da genügend Platz vorhanden ist. — Um Auskunft wende man sich an

**Kauth, Kundert & Möhrle,
Brauerei Adler, Schwanden.**

BLIND & Cie.

**Fensterfabrik und mech. Schreinerei
in OBERRIEDEN (Zürich).**

Neu eingerichtetes Etablissement für Glaser- und Schreinerarbeiten.
Riemenböden etc. **Grosse Leistungsfähigkeit.**

J. Rukstuhl, Basel

erstellt auf Grundlage vieljähriger Erfahrung

Centralheizungen

aller Systeme

Warmwasser — Niederdruckdampf etc.

Gesellschaft der Ludwig von Roll'schen Eisenwerke

Filiale: **Giesserei Bern** liefert:



Hebezeuge jeder Art als **Laufkräne**, und feste oder fahrbar **elektrischen Betrieb; Aufzüge** für hydraulischen, **elektrischen** und Transmissionsbetrieb.

Eisenbahnmaterial als **Drehmaschinen** und **Schleppbahnen** für Wagen und Lokomotiven; **Dampf- und elektrischer Betrieb.**

Weichen für Haupt- u. Nebenbahnen, für Vignol- u. Rillen-Schiene **Barrieren** mit und ohne Verriegelung und Vorläuten.

Zahnstangenoberbau; komplette Seilbahnen für Güter- und Personentransport. (Eigene patentierte Systeme Seit 1898 37 Touristen-Seilbahnen ausgeführt oder in Arbeit.)

Schleusenanlagen, Schützenwehre, Walzenwehre für Hand- und elektrischen Antrieb.

Hydraulische, automatische **Zementsteindruckpressen.**

Angaben über zahlreiche Ausführungen, Referenzen, Projekt und Kostenvoranschläge stehen zu Diensten.

Mechan. Bauschreinerei und Parquet-Fabrik Stuber & Co., Schüpfen (Bern)

empfiehlt:

Parquets in allen Holzarten, vom einfachsten bis reichsten Dessin **Bauschreinerarbeiten,**

Fenster und Türen als Spezialität
Prompte Bedienung. Vorteilhafte Preise. Man verlange Offerten.

Wasser-Reinigung

Filterpressen

Armaturen

Pumpen

A. L. G. Dehne, Maschinen-Fabrik, Halle a. S.

Alleinvertreter für die Schweiz:

J. Terrisse, 21 Rue Toepffer, Genève.

empfiehlt

schmiedeeiserne Röhren bis 1200 mm Durchmesser, gerade und gebogen,

für Dampf-Leitungen, Wasser-Leitungen, Turbinen-Leitungen, hydraulische Anlagen, Kondensations-Anlagen etc. mit allen erforderlichen Verbindungen u. Formstücken.

Vertreter für die Schweiz: **G. A. Bourgools-Bichter, Ing., Zürich II, Breitingenstr. 5.**

Schweiz. Werkzeugmaschinenfabrik Oerlikon

Oerlikon bei Zürich.

Erstklassige Werkzeugmaschinen

aller Art und in jeder Grösse

für Maschinenfabriken, Eisenbahnwerkstätten, Automobilfabriken, Brückenbau- und Eisenkonstruktionswerkstätten, allgemeinen Maschinenbau, Kesselschmieden, mechanische und Reparaturwerkstätten etc.

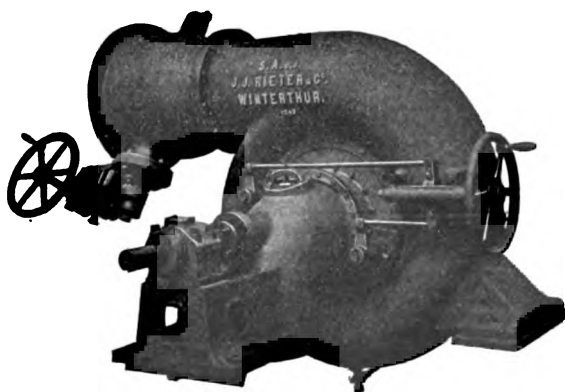
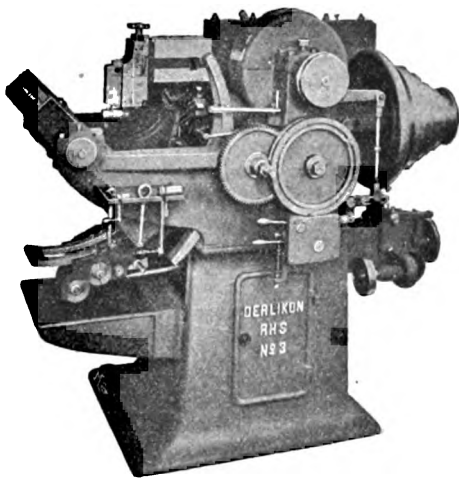
Eigene bewährte Konstruktionen für Spezialzwecke.

Vollendete Bauart und Ausführung.

Hervorragende Arbeitsleistung.

Courante Maschinen auf Lager.

Kataloge und Prospekte zu Diensten.



Aktiengesellschaft vormals

Joh. Jacob Rieter & Co., Winterthur

TURBINEN

neuester Konstruktion und höchstem Nutzeffekt für alle vorkommenden Verhältnisse.

Präzisions-Regulatoren mit mechanischer u. hydraul. Wirkung.

Transmissionen, Kesselschmiede-Arbeiten.



Anerkannt beste

Dynamit-Sorten

für alle Sprengzwecke

sowie

Zündschnüre und Kapseln

liefert

Dynamit Nobel, A.-G., Zürich

Fabrik in Isleten (Nor).

Dépôts in der ganzen Schweiz.

Mythenstrasse 21.

Telephon 3622

Asbestine weisser Paplerfüllstoff

für grösseren Bedarf **gesucht.** — Gefl. Offerten unter Z. Q. 11516 an
die Annoncen-Expedition **Rudolf Mosse, Zürich.**

Verblendsteinfabrik

(Baselstad) **Lausen A.-G.** (Baselstad)

Fabrik für feuerfeste Produkte und Verblendsteine

empfiehlt:

1^a gesinterte Verblendsteine

In gelb, lederfarbig und rot, farbenrein und vollständig
anschlagnfrei (jedem fremden Fabrikat mindestens ebenbürtig)

Glasierte Verblendsteine

und Verblenderplättchen

In allen Farben für äussere Fassadenverkleidungen, Bade-
räume, Schiachthäuser, Kühlräume etc.

Feuerfeste Produkte

für Hafner — Ziegeleien — Giessereien

Spezialsteine für Zement- und Kalk- fabriken, Kuppelöfen

(Steine bis zu 42% Tonerdegehalt)

Fouorforstör Mörtel

In kürzester Lieferfrist werden nach jeder beliebigen Zeichnung
unsere Fabrikate angefertigt.

**BESTER FUGENLOSER
BODEN-&WAND-
BELAG.**
UNI & MEHR-FARBIG.
AUF JEDER UNTERLAGE
GARANTIRT RISSFREI.

**IN 3
JAHREN
ÜBER
600000
m²
AUSGEFÜHRT**

**DOLOMENT-BELAG
+ PATENT
N^o 33307**

JAKOB TSCHOPP & E. MERZ, BASEL **VERTRETER FÜR DIE
OSTSCHWEIZ
CARL BRAUN ZÜRICH**



**Locher & Co.
Zürich**

Talgasse 10, Teleph. 2084.

Spezialität in
wasserdichten Räumen
für
Zentralheizungen.

Ausführung von
Asphaltarbeiten

wie

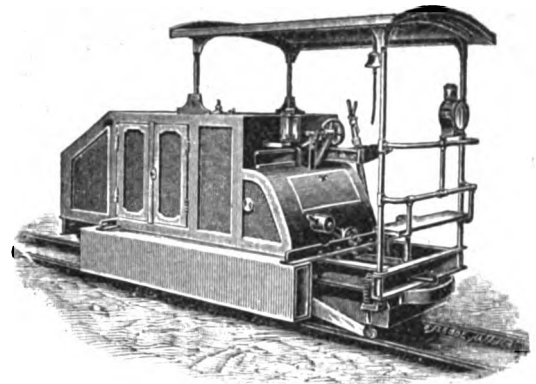
Stampfasphalt für Strassen u. Höfe,
Gussasphalt für Trottoir, Zinnen,
Waschküchen, Keller.

Säurefeste Beläge
für
Akkumulatorenräume.

Reparaturen.



Gasmotoren-Fabrik Deutz
Filiale Zürich
Bahnhofplatz 5, beim Hauptbahnhof.



Benzin-Lokomotiven

für Feldbahnen, Fabrikgeleise, Strassenbahnen.

Billiger, absolut gefahrloser Betrieb, kein Geruch und keine Rauch-
und Russbelästigung, kein Anheizen. Jederzeit sofort betriebsbereit.

Benzin- und Petrol-Lokomobilen

Schiffsmotoren, Motorboote

Gas-, Benzin-, Petrolmotoren

von 1 — 6000 P. S. und darüber.

„Deutzer Kraftgasmotoren“

v. 6 — 6000 P. S. Kohlenverbr. 1 1/2 — 3 Cts. pr. Pferdekraft u. Stunde.
75,000 Motoren im Betrieb.

Ludw. Löwe & Co.

A.-G. BERLIN NW., Huttenstrasse



Generalvertreter für die Schweiz:

R. Falkner, Ing., Liestal.

Neue Dachkonstruktion für Fabrik-Bau



⊕ Patent Nr. 23428

Vorteile:

1. Unabhängigkeit der Gebäudelage von der Himmelsrichtung.
2. Geringstes Gewicht bei sehr guter Isolation.
3. Unübertroffene Lichtwirkg. mit spezieller Lüftungsvorrichtg.
4. Rasche und **billigste** Erstellung bei jeder Jahreszeit.
5. Beste Eignung auch für schwierige klimatische Verhältnisse.
6. Widerstandsfähigkeit gegen Feuer; billige, feuersichere Imprägnierung durch Flammenschutz-Anstrichmasse.

Empfohlen als **rationellstes System** für Magazine, Lagerhäuser, Werkstätten, Maschinenfabriken, Glassereien, Elektrizitätswerke, Spinnereien, Webereien, Bleicherien, Färberien, Güterhallen, Markthallen, etc.

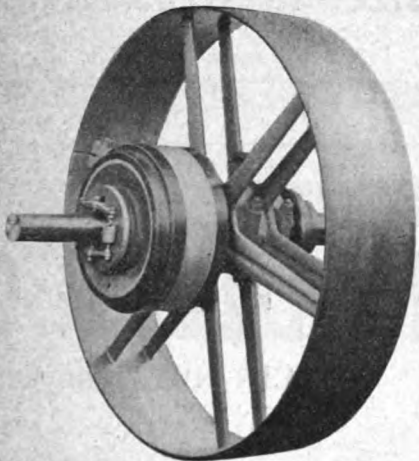
Patent-Inhaber:

Séquin & Knobel, Rütli (Zürich),
Zivil-Ingenieur-Bureau für modernen Fabrikbau.

Vertretung und Ausführung:

KOCH & Cie., vorm. E. Baumberger & Koch, Basel,
Unternehmung für Dachkonstruktionen- und Bodenbelags-Arbeiten.

Gesellschaft der L. von Roll'schen Eisenwerke Eisenwerk Clus



Benn's Patent Reibungskupplungen

zum Ein- und Ausrücken von ganzen Wellensträngen oder einzelnen Maschinen während des Betriebes. Vollständig geschlossene Ausführungsform; für höchste Tourenzahlen verwendbar; selbsttätige Schmierung der inneren Teile.

Lager mit Ringschmierung:

Wellenlager mit herausnehmbarer unterer Laufschale, ⊕ Patent, als Stahllager, Hängelager, Wand- und Säulen-Konsollager. Beste Stahllager mit herausnehmbaren Weissmetall- oder Bronzeschalen für Massivwellen und Hohlwellen.

Komplette Transmissionsanlagen für alle Industriezweige.

L'Embrayage à Friction

système **Benn b^{té}** s. g. d. g.

fabriqué et vendu en France par les Fonderies et Ateliers de Constructions mécaniques de

YSS & C^{IE} à Seloncourt (Doubs).

für Techn. Vorarbeiten im Bahn- und Strassenbau empfiehlt sich **B. Emch, Ingenieurbureau, Bern, Schwarzhofstr. 61.**

J. POHLIG. A.G. CÖLN.

Drahtseilbahnen.

Mehr als 1600 Anlagen geliefert bzw. im Bau; darunter solche von 15,5, 18,5, 20, 35 und 43 km Länge.

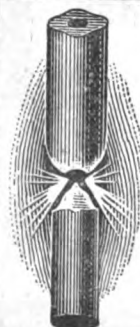


Verlade-Vorrichtungen jeder Art für Massengüter.

Generalvertreter für die Schweiz:

H. von Arx & Co., Zürich
Bau-Maschinen und Werkzeuge jeder Art.

Man verlange Kataloge.



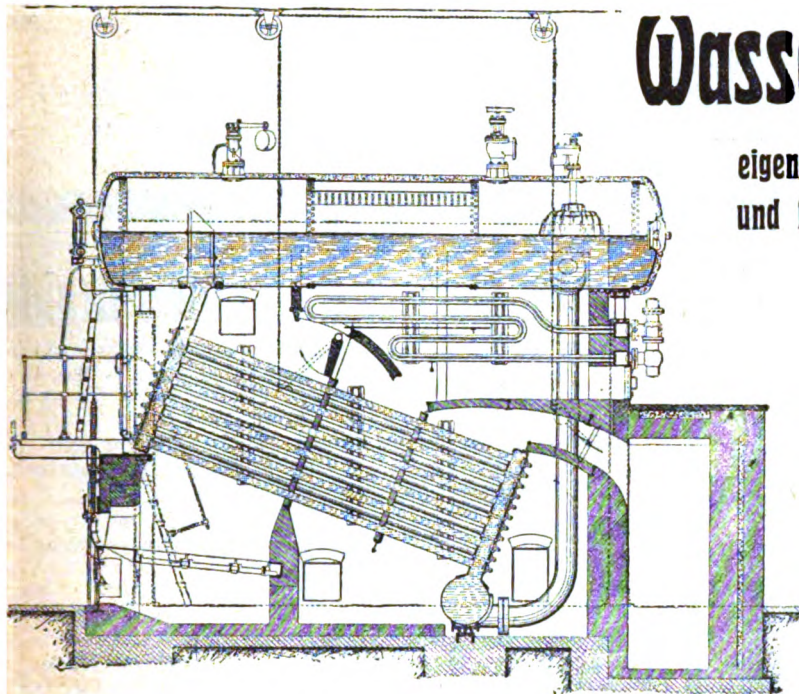
G. A. Pestalozzi & C^o. A.-G. Zürich.

Schweizerische Lichtkohlenfabrik

empfehlen ihre prima Fabrikate für sämtliche Arten Bogenlampen.

GEBRÜEDER SULZER

WINTERTHUR



Wasserröhren-Kessel

eigenen Systems, von jeder Grösse
und für jeden Betriebsdruck.

**Kräftige Zirkulation und grosse
Leistungsfähigkeit infolge di-
rekter Wasserzuführung zu den
unteren Rohrreihen.**

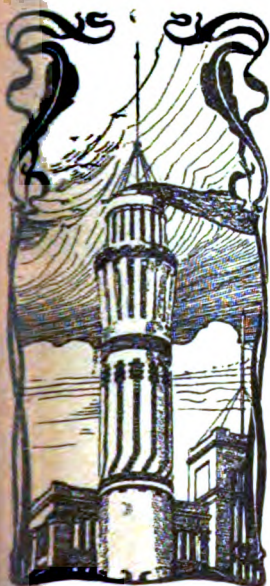
Hohe Verbrennungskammer.

Grosser Dampfraum.

**Bewährte Konstruktion der Ver-
schlussdeckel.**

Ueberhitzer, regulier- und ausschaltbar.

Anlagen u. a.: Elektrizitätswerke St. Gallen, Locle, Winterthur, Wynau, Thun;
weiter im Bau: Elektrizitätswerke Chaux-de-Fonds, Kubel, etc.



J. Walser & Cie. Winterthur.

Spezial-Geschäft für
Hochkamine,

**Kesseleinmauerungen,
Maschinen-Fundamente,**

Ofenbauten

für alle industriellen Zwecke.

Ziegelei-Anlagen.

Beständiges Lager in
hochfeuerfesten Materialien.
Reparaturen und Umbauten werden prompt
und gewissenhaft ausgeführt.
Projekte und Offerten kostenlos.



Neinrich Drändli, Norg Asphalt-, Dachpappen- u. Holzzement-

liefert:

Asphaltplatten, combinirt mit Jute- und Fils-
bekiest, besandet oder glatt, für wasserdich-
teckungen bei: Eisenbahnen, Strassen, Hoch-
bau-Arbeiten, mit Garantieübernahme. — Re-
ze Dienst.

Telegramme: Heinrich Brändli, Norgen. ✱ T

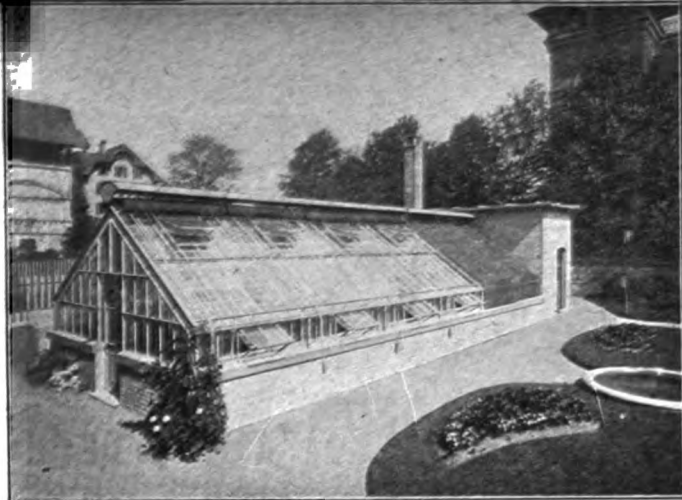
Thonwerk Biebrich, A.- Biebrich a/Rhein

beste Referenzen und Zeugnisse aus der Schweiz,

liefert die für den Bau und Betrieb von **Gasanstalten, Ze-
fabriken, Chemischen Fabriken, Cellulosefabriken, Schi-
und Puddelwerken, Eisenglosserolen**, sowie für Dampf-
und sonstige **Feuerungsanlagen** notwendigen

feuerfesten und säurebeständigen Prod

Retorten, Form- u. Normalsteine, Gloverringe, Mörtel



Gewächshäuser,

Wintergärten etc.

erstellt als 45jährige Spezialität

Eisenbaugeschäft Vohland & Bär A.-G., Basel.

In den letzten 3 Jahren über 20 Anlagen ausgeführt, worunter viele Nachbestellungen.

Vereinigte Xylolith- u. Kohlensäurewerke L. & WILDEGG.

✚ Patent Nr. 9080.



**Auf Blindboden aufgeschraubt;
auf Zementbeton in Mörtel verlegt.**

Nach allen Dessins in Viereck, rechteck, achteck und in 3 Farben, Parkett ähnliche Form.

Xylolith feuersicher, warm. Steinholz schalldämpfend, solid.

Muster, Prospekte, Album und Atteste gratis und franko.

Einzig in der Schweiz bis jetzt ca. 200 000 m² Böden und ca. 10 000 Treppenstufen gelegt.

Geiger'sche Fabrik

für Strassen- u. Hausentwässerungs-Artikel, G. m. b. H.

KARLSRUHE i. B. 11

NEUHEIT:

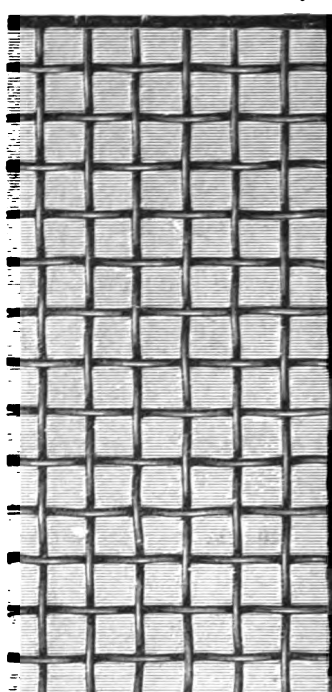
Nachstellbarer Rollenkeilverschluss an Kanalschiebern.

Bedeutende Vorzüge gegenüber parallelen Keilflächen:

Vorzügliche Abdichtung der Schieber.
Leichtes Losziehen der Schieberdeckel.
Einfache, unverwundliche Konstruktion der Keilverschlüsse.
Einfachste, bequemste Einstellung.

Lieferung ohne Preisauflage. Prospekt auf Wunsch gratis.

Echtes Siemens (Neusattler) Drahtglas



in verschied. Stärken und Massen, glatt und geriffelt, seit 1893 eingeführt und bei Tausenden von Bauten bestens bewährt.

Unerschrocken in Bruchgefahr.

Kein Bruch, keine Reparaturen, kein Blindwerden, kein Absplittern, weil starkes, widerstandsfähiges Drahtgewebe in das sehr harte böhmische Glas eingebettet ist. — Bietet volle Gewähr für unbedingte Sicherheit gegen Feuer.

4—5 mm stark:
für Seitenfenster in Fabriken, Werkstätten etc.

6—7—10 mm stark:
für Oberlichte aller Art.

15—30 mm stark:
für Fussbodenkonstruktionen.

Auf Wunsch werden auch Verglasungsarbeiten vermittelt.

Andere Artikel:

Flaschen aller Art

für Wein, Bier, natürliche u. künstliche Mineralwasser etc.

Flaschen-Verschlüsse: Drahthebel und Drahtbügel, Famos-Hebel und Famos-Bügel.

Glas-, Dach- und Falzziegel, Glasfussbodenplatten, Kohle, auswechselbare Glasbausteine (Patent), Gärbottiche aus Drahtglas für Brauereien, Stanzglas-Buchstaben für Firmenschilder.

Baldwin Weisser, Zürich III

Fabrikstrasse 5.

Generalvertreter für die Schweiz der Aktien-Gesellschaft für Glasindustrie vorm. Friedr. Siemens, Neusattl b. Elbogen (Böhmen).

Von Behörden vorgeschrieben!



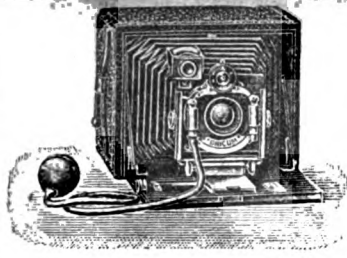
Hürtgen's Jalousie- und Shedlüfte

u. Shedlüfte

Regensicher. Vorzügliche

Hürtgen, Mönning

D. R. P.



empfehlen das Beste in
photograph. Apparaten
 für Touristen und Amateure von Fr. 5.—
 bis Fr. 600.—, sowie

sämtliche Bedarfsartikel
 zu coulantem Preise. Illustrierte Preis-
 liste gratis und franko. Ferner ein opt.
 Lager: Feldstecher (Goerz, Zeiss etc.),
 Operngläser, Fernrohre, Brillen,
 Pince-nez, Lorgnetten, Kompass,
 Reisszeuge, Lupen etc. — Reparaturen
 mögl. prompt u. billig. **Telephon 893.**

Eisengiesserei und Maschinenfabrik Selnau
M. KOCH - ZÜRICH
 Werkstätte für Eisen-Konstruktionen
 bei der Station -
 Zürich-Glesshübel

Eiserne Dachstühle
 Shedbauten
 Ställeinrichtungen
 Gewächshäuser und
 Veranden
 Brücken, Stege und
 Sprengwerke
 Schmiedeeis. Säulen
 Wellblechbauten und
 Vordächer
 Grosses Lager in I-Trägern

MARMOR-ARBEITEN jeder Art

liefert

Gebr. Pfister's Nachf. B. Pfister

Marmer-Industrie, Sägen-, Schleif-, Polier- u. Drehwerke

Rorschach

Eigene Brüche

Eigene Brüche

Accumulatoren

für alle Zweige der Industrie:

für Zentralen, Fabriken, Private, Laboratorien,
 Automobile, Schiffe, Waggonbeleuchtung usw.

liefert

Accumulatoren-Fabrik Oerlikon

in OERLIKON bei Zürich.

Bureau für die Westschweiz: LAUSANNE, Chemin Vinet 29.

SCHWEIZ. ETERNITWERKE A.-G.
Niederurnen (Glarus) und Zürich II.

General-Direktion in Niederurnen.

Telephon in Niederurnen.

Telephon in Zürich No. 590.

Telegramme: Eternitwerke Niederurnen.

Verkaufsbureaux und Installationsgeschäfte in Niederurnen und Zürich II

Weltausstellung in Lüttich 1905:

Ehrendiplom und Goldene Medaille.

Frauenfeld 1903:

Silberne Medaille.

1. Den hochkomprimierten Eternit-Asbestzement-Schiefer

empfehlen und garantieren wir als frost- und wetterbeständige,
 dauerhafteste, leichteste und sturmsicherste Bedachung jeder
 Art. Ferner für Fassadenverkleidungen.

2. Den gepressten Eternit-Asbestzement-Schiefer

empfehlen und garantieren wir für Wand- und Deckenverkleidungen
 von Gebäuden, wie Fabriklokalen, Käsereien, Küchen- und Badezimmer,
 Wohnräumen jeder Art, in einfachster bis reichster Ausführung, etc.

Die Eternit-Asbestzement-Platten sind absolut feuersicher, isolierend
 gegen Hitze, Kälte, Feuchtigkeit.

Die Eternit-Asbestzement-Platten eignen sich vorteilhaft zu

Isolierzwecken in der Elektrotechnik.

Vorteilhafte, konkurrenzfähige Preise.

Sorgfältige Bedienung. — Weitgehendste und höchste
 Garantie der Ware.

Für Käufer unseres Produktes stehen wir mit zahlreichen Referenzen
 und Zeugnissen aus der Schweiz und dem Auslande zur Verfügung.

Die grössten Stürme und Regen, Witterungseinflüsse aller Art, können einem Eternit-
 tach nichts anhaben, sofern solches nach unseren Vorschriften eingedeckt wurde.

Man verlange Prospektus und Muster, sowie Auskunft unter gef.
 Angabe des Verwendungszweckes.

Der Chef der Schweiz. Eternitwerke A.-G.:
 A. Steinbrunner.

Aktiengesellschaft

Kesselschmiede Richterswil

Dampfkessel.

Cornwallkessel jeder Grösse und neuester Konstruktion.
 Geschweisste Querröhrenkessel, Rauchröhrenkessel für
 Kleinbetrieb, Heizkessel jeden Systems.

Bleichekessel, Dampfkessel für diverse Zwecke.

Dampfkochkessel und komplette Dampfkocheinrichtungen
 für Hotel, Spitäler, Fett- und Oelsiedereien, für landwirt-
 schaftliche Betriebe (Futterkochereien).

Blechscheissarbeiten.

Flammröhren, Feuerbüchsen, Dome, Stutzen, Windkessel,
 Braupfannen, Seifenkessel, Zinkpfannen, Bouilleurs etc.

Reservoir

für Wasser, Oel, Spiritus etc.

Blechrohrleitungen.

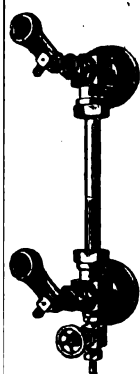
Spezialität: Hochdruck-Rohrleitungen f. Wasserkraftanlagen.

Brücken- und Eisenkonstruktionen.

Strassen- und Eisenbahnbrücken, Passarellen, Röhrenstege,
 Dachkonstruktionen, Wellblech-Bedachungen, Kranträger,
 Gittermasten, Wehrbauten.

Apparate für diverse Industrien.

Material aus anerkannt nur erstklassigen Hüttenwerken.
 Sorgfältigste Arbeit, prompte Bedienung.



Wasserstands-Ventilköpfe

mit Nickelabdichtung
und Selbstschlus-Vorrichtung.

Denkbar größte Sicherheit
für dauerndes Dichtthalten.

Wegen der Härte des Dichtungsmaterials unempfindlich gegen mechanische Einflüsse durch zwischen Sitz und Kegel sich klemmende Unreinigkeiten.

Ferner: Manometer und Vakuummeter jeder Art, bis jetzt über 3,000,000 Stück geliefert; Hähne und Ventile in jeder Ausführung, Indikatoren, Tachometer, Thermometer, Wasserstandsgläser aus Verbund- od. Duraxglas, Sicherheits-Ventile, Kondensationswasser-Ableiter, Buss-, Vierpendel- u. Exakt-Regulatoren, Schmierapparate neuester Konstruktion, Injektoren, Elevatoren, Hub- und Rotationszähler, Kompressoren, Universal-Absperrechieber, Pat. Missong, u. s. w.

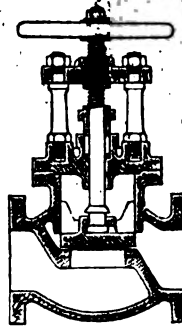
Schwungradlose Dampfpumpen, Pat. Volt.

Stahlguss-Ventile

mit Patentdichtung.

Wirklich bewährte Konstruktion
f. hochgepumpt., überhitzt. Dampf.
D. R.-P. Nr. 90787 u. a.

Die Dichtungsflächen bleiben selbst unter den ungünstigsten Betriebsverhältnissen blank. Die Ventile halten demzufolge dauernd dicht, sind deshalb für überhitzten Dampf besonders geeignet.



Erst prämierte
Dauerbrandöfen

best. Konstruktion
und feinsten Ausführung.

**Keine
Schlacken-
bildung.**

Gebr. Lincke,
Zürich,
Seilergraben 57/59



PATENT-BUREAU
Wilh Reinhard Zürich

J. Nörr in Zürich
Bahnhofstr. 77



Anstehen, grösstes Spezialhaus für
echte poröse **Loden**
wasserdichte
Nouveautés
Stoffe meterweise
Elegante Messerarbeiten
Veste-Anzüge v. Fr. 65.— 80.—
Paletots-Anzüge v. Fr. 45.— 60.—
Fortige Lodenmantel
in reichster Auswahl
Modell-Album gratis

Wanderer

der

Wanderer-Fahrradwerke

vorm. Winkhofer & Jaenicke A. G.

Schönau bei Chemnitz

Vertretung und Lager
für die Schweiz:

W. WOLF, Ingenieur

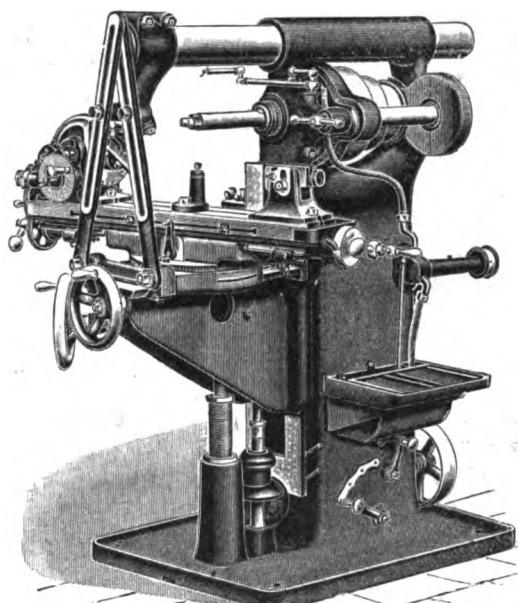
vormalis Wolf & Weiss

Zürich I, Brandschenkestrasse 7

Erste Referenzen
des In- und Auslandes

Präzisions-Fräsmaschinen

aller Art in höchster Vervollendung



Universal-Fräsmaschine. No. 2.

Elektr. Aufzüge

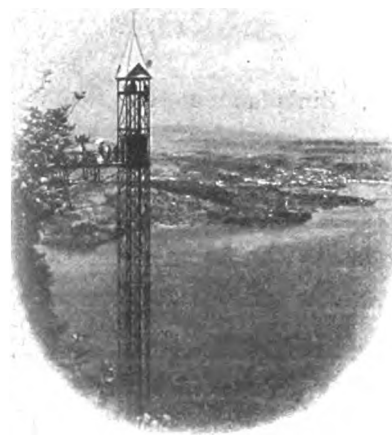
modernster
Konstruktion und
Ausführung
liefern

C. Wüst & Cie.

**Seebach-
Zürich.**

Einzigste Maschinenfabrik in der Schweiz,
die nur elektrische Aufzüge baut und zwar komplet, den elektrischen wie den mechanischen Teil in eigenen, vorzüglich eingerichteten Werkstätten mit über 300 Arbeitern.

Hunderte von Anlagen im Betrieb!



KIRCHNER & CO. A.-G.

Leipzig-Sellerhausen.

Grösste Spezialfabrik von

Sägewerkmaschinen
u. Holzbearbeitungsmaschinen

Über 140,000 Maschinen geliefert.

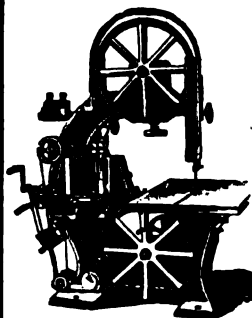
62 höchste Auszeichnungen.

Weltausstellung Paris 1900: Höchste Auszeichnung „Grand Prix“.

Lüttich 1905: „Grand Prix“.

Filiale: ZÜRICH, Bahnhofstr. 89,
Ingenieur A. Günther.

— TELEPHON 2666. —



Kullmann & Lina, Frankfurt a. M.

Spezialfabrik für sanitäre Anlagen.

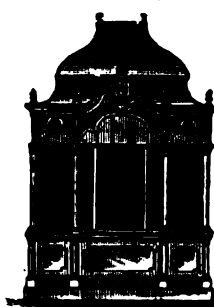
Eiserne Bedürfnis-Häuschen.

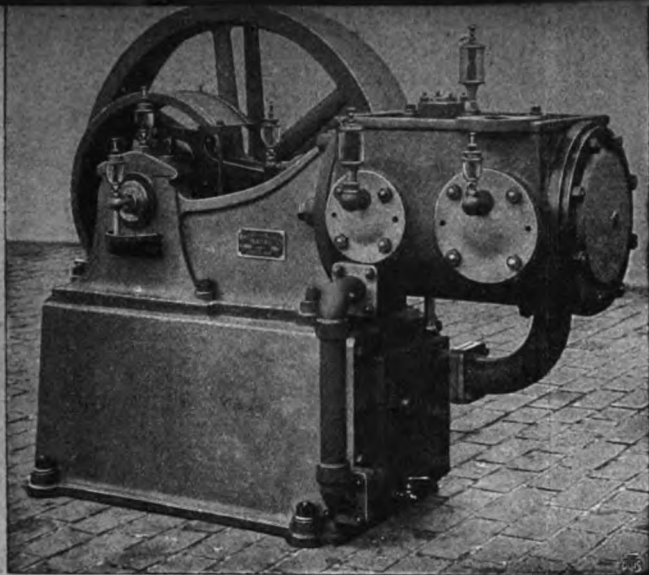
Pissoir-Anlagen für Oelung wie Bewässerung

Kloset-Anlagen, Schwemmrohr-, Tonnen-

Wasser- und Torfmüll-Systeme.

Zentralheizungen, Wasserleitungen, Bade-Anlagen





**Maschinenfabrik Dürkopp, Basel
Aktiengesellschaft.**

Kompressoren und Vakuumpumpen

ein- und mehrstufig, mit Dampf-, Riemen- oder
elektrischem Antrieb.

Ueber 1400 Maschinen ausgeführt.
Paris 1900: Grand Prix.



Die TOPF'schen Schornstein-Aufsätze mit Kugellager u. Windblech — Modell 1905 —

können weder festsitzen, noch einrosten, haben absolut
geräuschlos Gang und stellen sich bei plötzlich um-
springenden Winden von selbst ein. Sie sind aus bestem Material und
sehr stark gebaut.

Wiederverkäufer hohen Rabatt.

Verkaufsstelle für die Schweiz bei
R. Dormann-Huber, Rapperswil (St. Gallen).

Beste Referenzen.

Hydraulische, Elektrische, Transmission- und Hand-

AUFZÜGE

jeder Art erstellt.

ALB. WISMER

Maschinen-Fabrik
Industriequantien
ZÜRICH

Löffel- Bagger



hervorragend bewährt
für

Eisenbahn-
Einschnitte,
Abraum-
Arbeiten.

Fertig auf Lager,
auch zur Miete.

Menek & Hambrock
Altona-Hamburg 32.

La Société du Convict Salésianum met en soumission

les travaux de mosaïque à exécuter dans son Immeuble en con-
struction au Gambach à Fribourg soit:

Mosaïque venitienne avec bordure et filet env. 850 m²

Mosaïque venitienne sans bordure env. 80 m².

Adresser les offres à Mgr. **Krucker**, Directeur, Place de Notre
Dame à **Fribourg**, jusqu'au lundi 3 Décembre 1906 à 6 h. du soir.



Kunstgewerbliche Werkstätten
und Erzgiesereien
von

PAUL STOTZ

und

OTTO SCHLEE

G. m. b. H.

Stuttgarter.



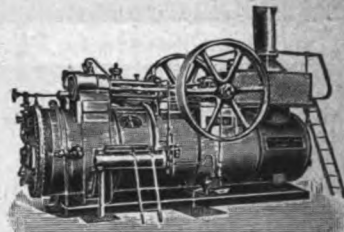
Anfertigung feiner Metallarbeiten jeder Art, wie:
Beleuchtungskörper,
Heizkörper-Verkleidungen,
Grabverzierungen,
figürlichen Bronzeguss jeder Grösse.



HEINRICH LANZ, MANNHEIM.

Lokomobilen

für Satt- und
Heißdampf



Schweizer Verkaufsbureau: **S. Sello, Zürich I.**
Bahnhofstraße 51 (Mercatorium)

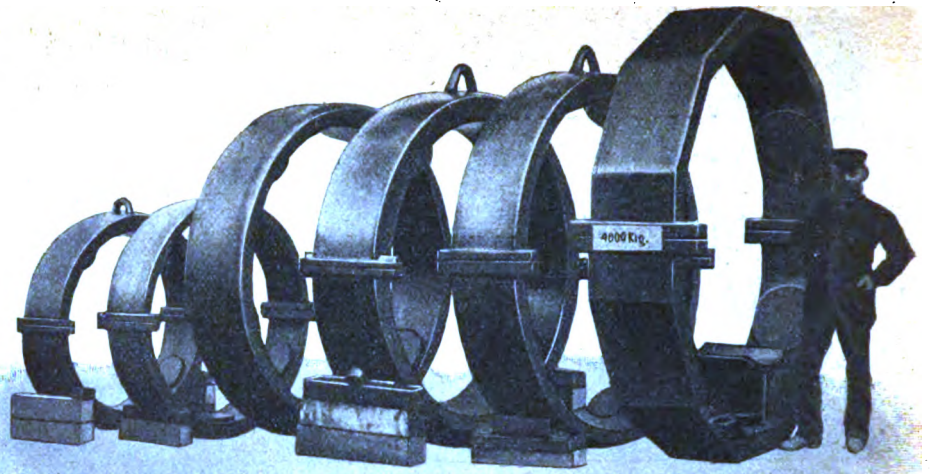
Ueber 16 000 Stück verkauft.

Rudolf Mosse, Zürich

alleinige Inseraten-Annahme für die
Schweizer Bauzeitung.

Maschinenbau immer allgemeiner?

Weil unser Stahlguss aus einem in jeder Beziehung zuverlässigen Material besteht, dessen Härtegrade jedem Verwendungszweck angepasst werden können, weil unser Stahlguss ebenso leicht zu bearbeiten und ebenso zuverlässig ist als geschmiedetes Material;
weil unser Stahlguss sorgfältiger, exakter hergestellt wird als geschmiedete Stücke es sein können, weniger Zugabe erfordert und daher Ersparnis in der Bearbeitung ermöglicht;
weil unser Stahlguss in den meisten Fällen überdies billiger ist als geschmiedete Stücke;
weil man in der Formenbildung der Stahlgussstücke viel mehr freie Hand hat als bei Schmiedestücken.



A.-G. der Eisen- und Stahlwerke vorm. Georg Fischer

Weichguss-Stücke

aus Ia Material, gut gegläht,
nach Mustern, Modellen od. Zeichnungen.

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(Schweiz).

Fittings Marke +G.F.+

über 4000 Modelle,
jedes Stück kontrolliert.

Baggermaschinen

für die
verschiedensten Zwecke,
Trockenbagger,
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Oehler & Co., Aarau

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Stahlgeleise und Wagen

für Bauunternehmer und industrielle Etablissements,

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Geleiseanlagen,

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verschiedener Systeme,

Transmissionsen mit gewöhnlichen

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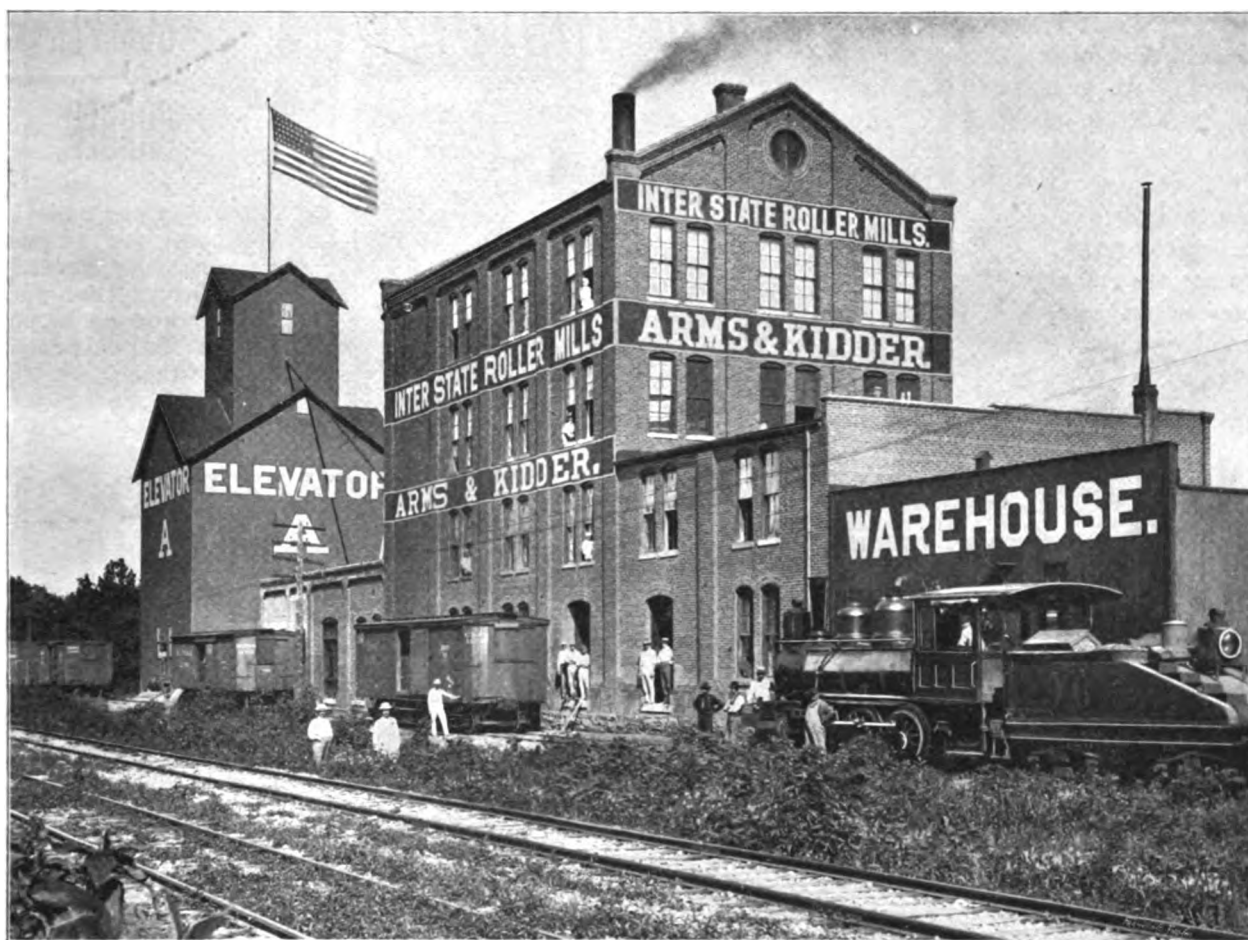
MODERN MILLER.

Director Ex. Am. Republics

\$2.00 Per Year.
5 Cents Per Copy.

ST. LOUIS, FEBRUARY 25, 1899.

Volume 24.
Number 38.



THE Interstate Roller Mills, an illustration of which we are pleased to present to the readers of the Modern Miller this week, is one of the leading milling plants of Kansas City. The mills are located at the State line dividing Kansas and Missouri, the plant being on the Kansas side of the line, but the firm's business is transacted largely in Kansas City, Mo.

This firm is composed of Messrs. Edward Arms and R. E. Kidder. The business is entirely under the management of Mr. Kidder, who has built up the present enviable reputation of the plant by his sound business judgment, sterling honesty and correct milling

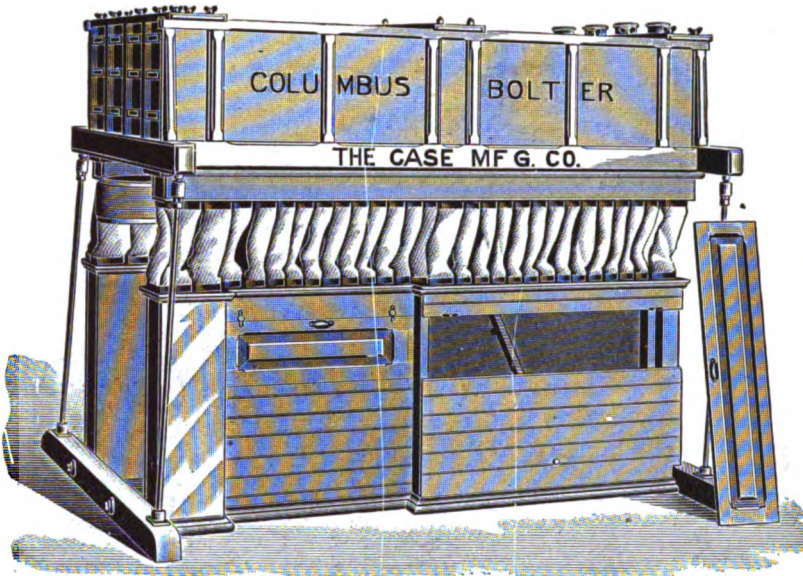
practices. Mr. Arms is a resident of Bellevue Falls, Vt., and takes no part in the active management of the mill.

The success of the plant is shown by its steady growth. Starting with a daily capacity of 300 barrels less than seven years ago, the mill, built by the Edward P. Allis Co. for Messrs. Arms and Kidder in 1892, has been gradually enlarged to a daily capacity of 700 barrels, the latest increase in the production of the plant having been made during the present crop year. A high grade of flour at high grade prices has been the business motto by which the success of Arms & Kidder in the milling business has been won.

With this as a motto and a mill located in the heart of one of the greatest wheat belts in the world, at the leading market for hard winter wheat in America, with adequate transportation facilities for reaching all flour markets, it is not strange that a miller like Mr. Kidder should find his business increasing from year to year and requiring an enlargement of production. The brands of the mill are: "One of the 400," "A. & K. Best," "Seal of Kansas," "Roman Patent," "Household Pride" and "Morning Call," which embrace both Kansas hard and soft winter wheat, and have been very thoroughly introduced into the American trade.

...HAVE YOU INVESTIGATED ITS MERITS?...

COMplete control of sieves, arrangement for finishing stock on each break separately, handling of stock reduced, automatic brush beneath cloth, gentle handling of stock, double crank drive, uniform motion; and the elimination of stub spouts are among some of its many superior points.



THE same suggestion will apply to the . . .

**COLUMBUS
SCALPER
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GRADER.**

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The Columbus Bolter.

THE CASE MFG. CO.,

MILL BUILDERS AND FURNISHERS.

COLUMBUS, OHIO.

THE SUPERIOR OF THEM ALL!

THOMAS PAGE,

MERCHANT MILLER.

Mid-Continent Mills.

CAPACITY, 700 BARRELS.

TOPEKA, KANSAS, Dec. 30th, 1898.

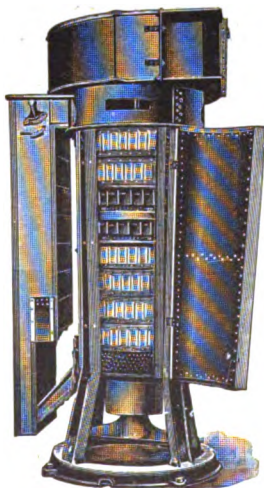
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Milwaukee, Wis.

Dear Sirs:—I have been using a No. 4 Iron Prince for the past 20 months constantly and it has given me entire satisfaction. During the last 40 years I have had experience with all kinds of scouring machines, both in the old country and this, and I am free to say that your Iron Prince is the superior of them all.

Yours truly,

(Signed) THOMAS PAGE.



**The Iron Prince
Scourer.**

THE PRINZ & RAU MFG. CO.,
MILWAUKEE, WISCONSIN.

The Modern Miller.

Cable Address, A Weekly Newspaper.
EDITOR, "ST. LOUIS." Vol. 24. No. 38.

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WE are informed that several lawsuits are in embryo as a result of losses sustained from the sale of dirt, and in some instances, brickbats and stones, as mill feed. We are not eligible for jury service in these cases, for we have a preconceived opinion, which it would require evidence to remove, that a miller who has shipped dirt for bran, should promptly pay damages and advertise for a mill manager. Few large and no well-conducted mills give any grounds for such complaints nowadays, but there is still great carelessness on the part of many small mills and some of the larger ones, especially in the West. This carelessness operates directly to the injury of the millers who are at fault, and the trade as a whole suffers from it as well.

The standard of mill feeds is lowered by it and prices are influenced accordingly. Many large handlers of feedstuffs refuse to deal with mills that have not an established reputation for clean products, and a point has been reached when dirt cannot be sold for bran without injury to all concerned in the transaction. Millers who keep screenings out of bran are now in the lead and receiving more money from their offal than any others, and mills where everything, including floor sweepings, is thrown into a car and shipped for what it contains the most

of, are losing money, damaging their own reputation and injuring a branch of the milling business that has attained high importance.

OUR Quincy representative, Mr. W. D. Hollister, pursued a plan in ascertaining if growing wheat had been injured by the recent cold weather which should recommend itself to other conscientious crop reporters. Mr. Hollister forced the growth in a greenhouse of a number of plants selected at random from several frozen fields, with the result that no damage was apparent, and he is able to assert, with the authority of demonstration instead of as a guess, that the plant has not suffered from freezing. The same result was obtained in a similar but somewhat slower way by Mr. W. E. Albers of the Warsaw Milling Co., Warsaw, Ill., who placed the plants in his cellar to force growth.

Neither of these plans is so expeditious as guesswork, but both are eminently more reliable and the amount of wheat that would escape "killing" by their substitution would be enormous, even though estimates of production might never show it. On the other hand actual damage to the plant would be more quickly and reliably reported. We commend both plans to the reporters who have led the crop to destruction, resurrection and reconstruction, season after season, for, lo, these many years.

MR. ENGLAND ON CUBAN TRADE.

MOBILE, Ala., Feb. 22.—(Special Correspondence.)—As my last letter dealt in a general way with the business of the Latin-American countries and the facilities of Mobile, I shall in this go more into details as to the volume, value and character of the business to these different countries; the port of Mobile and its advantages as a natural gateway for exports and imports to and from the West Indies, Central and South America.

Beginning with Cuba, the imports of this island so far as Spanish data permit are stated at \$61,140,119 per annum. To get a more comprehensive idea Havana will be taken as a guide.

In 1897 the receipts at Havana were: Of flour, 466,334 sacks, of which there came from Spain 387,150 sacks and from United States 79,184 sacks. The large amount from Spain does not necessarily imply that the same was of Spanish production, for in fact the greater portion was originally shipped

from the United States to Cuba via Spain, it being cheaper to do so on account of duties than to ship direct. The amount from United States proper you might term emergency orders.

Corn receipts for 1897, 334,454 sacks; from United States, 201,067 sacks; from Spain, 112,891 sacks; from Puerto Rico, 19,496 sacks.

It is well known that at least half of the customs receipts of Cuba were appropriated by the Spanish officials for their own personal use. Consequently only about half of the actual imports were ever accounted for. Under this condition of affairs, it would not be an exaggeration to double the above imports both as to Havana and the entire island. The city of Havana supplies the Province of Havana with its population of 451,928, the Province of Pinar del Rio, with its population of 225,891, besides some near-by islands and a large coasting trade and some parts of the interior.

The same conditions existed in Matanzas, Cardenas, Sagua, Santiago, Cienfuegos, etc. These latter are all large seaports and do an immense business with the surrounding territory, which is the richest and most fertile part of the island.

Cuba, having just been relieved from a government which was not only 400 years behind the times, but which did all it could to hamper and crush prosperity, cannot, all at once, grasp the opportunities now offered or change so suddenly the trade conditions, but in a year's time, under the management of "Uncle Sam," all will have taken on a new aspect, and business will be on a settled basis.

It may not be known to your readers that 90 per cent of the merchants in Cuba are Spaniards, no Cuban being able to engage in business, as he would have had to pay the full duties, and could not therefore compete against those who were more favored. But now, as all will be on a parity, no one having an advantage over another, business will be more settled and a larger business will be done.

The business of the Island of Cuba should be in the control of the West, for the reason the West supplies all that is consumed, and I see no reason why the West should not control 80 per cent of the business of this island within the next twelve months. The West as a rule, however, are not posted. I gather this from conversations with the numerous visitors to this chamber from the western section,

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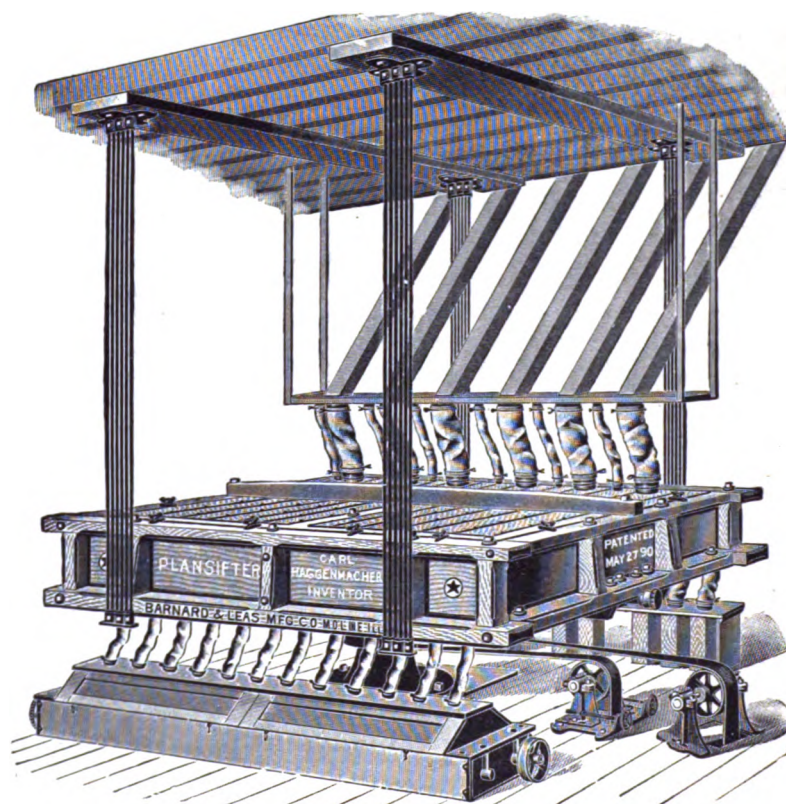
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R. C. STONE, Springfield, Mo., Agent for Missouri, Indian Territory, Arkansas, Texas and Old Mexico.
BARNARD MACHINERY CO., Enterprise, Kans., General Agent for Kansas, Colorado and Oklahoma.

T. M. Van Horn, Room No. 49 Board of Trade, Indianapolis, Ind., General Agent for Indiana and Southern Illinois; J. H. Williams, Lock Box No. 203, Columbus, O., General Agent for Ohio, and W. B. Tally, Paducah, Ky., General Agent for the Southern States.

in the past. Mr. Gallagher contended that the publication of a freight tariff giving grain a lower rate than flour was in itself a scandal when the knowledge thereof was communicated to our customers abroad and was clearly a discrimination against the industry of breadstuff manufacture in this country. He pointed out that flour milling furnishes tonnage 12 months in the year and is rarely ever the cause of traffic congestion, whereas the movement of grain is confined to a few months in the year and is productive of blockades and various annoyances to common carriers which are altogether unknown in the transportation of flour. Emphasis was laid on the fact that it has been the unwritten law of the trade since this country became an extensive exporter of flour to charge higher rates for the transportation of mill products when tonnage was heaviest, whereas the custom has ever been to charge less for grain—to cut the rates on grain as against flour below the point of profit yielding when it was offered in the greatest amount for transportation. Mr. Gallagher was of the opinion that on account of these conditions a hearing should be held, and that the millers would furnish the best kind of evidence before a court of equity.

During the last few weeks of Congress strenuous efforts were made by the milling interests to secure favorable consideration of amendments to the pure flour law. No encouragement was given, however, as the new chairman of the Committee on Ways and Means has consistently followed the course laid down at the beginning of the session by the late Mr. Dingley, that modification of the war taxes at this time was undesirable, and that it was to the public interest that legislation of this character be deferred until the Fifty-sixth Congress. While the pure flour law is meeting the expectations of its framers, it has some imperfections of an administrative character which it is deemed desirable to have corrected. The definition of "mixed flour" is also open to criticism in that according to the construction of the commissioner of internal revenue self raising flours and like food products are subject to stamp tax, to which it was intended the law should not apply.

A strong petition was placed in the hands of Chairman Sereno Payne of the Committee on Ways and Means this week, signed by prominent mill-

ers, bankers and exporters of New York. It is as follows:

"We, the undersigned firms, corporations and individuals of the city of New York, have the honor to call your attention to the urgent demand for the amendment of that portion of the act of Congress June 13, 1898, relating to 'mixed flour.' This law has been of great benefit to the breadstuff trade of the United States and has been the direct means of increasing largely American commerce, as was designed by its advocates in the trade and as wisely foreseen by the Congress of the United States. It is true, however, that the definition of 'mixed flour' contained in the act led to a ruling by the honorable commissioner of internal revenue which has operated as a hardship against certain manufacturers of breadstuffs whose business it was not intended to regulate by the operation of said laws. We refer to the makers and packers of self raising flours whose only mixed ingredients are healthful, leavening qualities.

"Under the act of June 13, 1898, and the rigid rulings and regulations of the honorable commissioner, one class of makers of self raising flours are subject to the terms of the law while another class by resorting to the subterfuge of changing their formulas slightly, avoid the tax and branding requirements of the law as well as the labor required by the regulations. In addition the law enables those manufacturers who evade the tax and regulations to make use of the fact in the trade to their advantage and in the strict sense of discrimination against competitors who are compelled to comply with the law. This is true in face of the fact that, under the ruling of the honorable commissioner the excellence of superior quality of self raising flours subject them to taxation and other terms of the act. We are firm believers in the benefit to mankind of a law that protects the purity of the 'staff of life,' and at the same time desire to advocate the amendment of the law in question so that it will accomplish the end desired without discriminating against any class of manufacturers or tradesmen.

"We desire to state that the amendments desired by the breadstuffs trade to the act of June 13, 1898, have been placed in the hands of the Hon. James A. Tawney of your committee, who, as you are well aware, has been and is an able advocate of the cause we plead, and we most respectfully request you to give the same the earliest

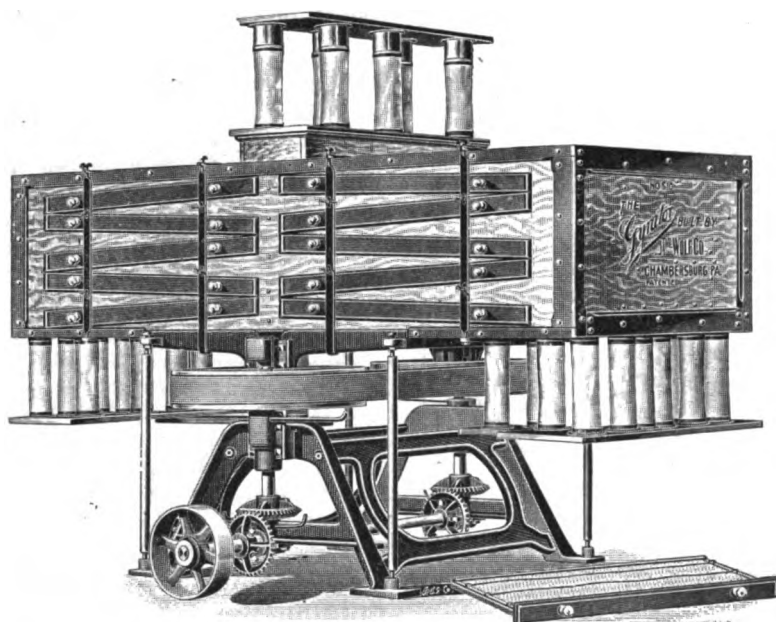
attention your other duties will permit."

The interstate commerce commission has set March 13 for a hearing in Chicago on the allegations of the board of trade of that city with reference to the matter of export rates from points east and west of the Mississippi river. The hearing was decided upon after a general session of the commission on Wednesday, March 1, when representatives of the railroads were heard. The Chicago board of trade in its statement filed with the commission alleges that unjust discrimination exists against shipments of flour from points east of the Mississippi to New York for export, as compared with rates that prevail on such shipments made from points west of the Mississippi, to the serious detriment of the agricultural interests of the state of Illinois, which is declared to be in absolute violation of one of the most important provisions of the interstate commerce law. It is stated that the trunk lines have put in force a rate of 13½¢ from the Mississippi river on corn originating west of the river consigned to New York for export, while at the same time they have held the rate from Chicago at 16¢ per 100 pounds. "The corn of Iowa and Nebraska and other states west of the Mississippi," says the statement, "shipped for export nets, therefore, a higher price to the farmer than corn raised in Illinois and shipped to the same markets nets to its farmers."

The statement continues: "Such manifestly unjust discrimination is greatly detrimental both to producer and shipper in this state and has resulted in an enormous movement of corn from territory west of the Mississippi, to the serious disadvantage and almost complete stagnation of the corn business in the state of Illinois; and

"Whereas, The through rate from points in Iowa east of a line drawn north and south through Grinnell is less, after paying the local rate to the Mississippi river, together with the 13½¢ rate from that river to New York, than are the through rates from Illinois points located east of the Mississippi, clearly in flagrant violation of the most important provisions of the interstate commerce law; and

"Whereas, This rate applied to the territory west of the Mississippi river is professedly made in order to compete with the competition of the gulf route, in the face of the fact that the competition of that route is as clearly felt in Illinois as in any state comprised in the great corn belt; and



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IT always will be the best because the GYRATOR, as its name indicates, is not a machine that stands still.
It commenced at the top and will keep at the front.
You are not making all the money you might make unless you are using the GYRATOR.

— THE WOLF CO., CHAMBERSBURG, PA.

JUST SIT DOWN A MOMENT, PLEASE,

And figure out how much benefit you are getting from your old wheat temperer. Does it make the bran nice and broad? Does it enable you to get all of the flour off of the bran? Does it enable you to keep the specks out of your flour? Does it control the flow of wheat through it and need but little attention? Is it so good that all it requires is wheat and steam—no attention? If not, try a BEALL WHEAT STEAMER.

**THE BEALL IMPROVEMENTS CO.,
DECATUR, ILL.**

"Whereas, The Illinois Central railroad makes a rate to New Orleans that takes all the corn for shipment on their line to the New Orleans terminal from within 40 miles of Chicago, and as a consequence corn is worth 2 to 3c a bushel more along that line than on any of the east and west roads that cross it, thus effectively contradicting the assertion of the railroads that this discrimination was necessitated by conditions peculiar to the territory west of the Mississippi river and overthrowing the alleged reasons on the part of the railroads for making this discrimination;

"Resolved, That the board of trade of the city of Chicago hereby earnestly requests that the interstate commerce commission take such action, in view of the conditions hereinbefore named, as equity demands;

"Resolved, That this condition of affairs, showing as it does an outrageous discrimination against corn grown in Illinois and therefore against the interests of a large class of its citizens, imperatively demands the immediate attention of the interstate commerce commission."

In announcing the hearing at Chicago the commission says that "upon inspection of schedules and tariffs on file it appears that the rates in effect for the transportation of corn for export are substantially as above set forth, and that similar adjustments of rates on corn for export have been put in force to all of the principal North Atlantic ports, including Newport News and Norfolk on the south and Montreal on the north; and that rates and the relations of rates on grain other than corn are also involved and apparently affected by changes in export rates shown in said schedules and tariffs;

"And it further appearing to the commission that violations of sections 1, 2, 3, 4 and 6 of the act to regulate commerce are indicated by said statements and resolutions and said schedules and tariffs, and may actually result from the rates hereinabove specified or referred to; and that the said rates, the effect thereof and the manner and methods in which the common carriers engaged in such transportation to said North Atlantic ports from Mississippi river points and localities west and east thereof conduct and manage their business, should be inquired into and investigated, to the end that such order or orders be made or other action taken as upon the facts and law may appear to be required;

"It is ordered that a proceeding of

inquiry and investigation concerning the matters and things above set forth and alleged be and the same is hereby instituted."

The railroads made respondents are named and a full and specific answer is required, showing also the rate schedules and practices enforced or participated in by them in the transportation of grain to North Atlantic ports from Mississippi river points and intermediate localities.

JOHN E. MONK.

(Continued from page 1.)

unrest and uncertainty. I called on a wealthy Chinese merchant who has business connections in ten other ports in these islands. He was satisfied with the sample of flour I submitted and the price. He said that he usually sold 3,000 bags (of 50 pounds) per month, but now he does nothing outside of Manila. The insurgents levy a duty on the exports and imports of their friends and are very apt to annex all the goods of a stranger.

Our authorities are in charge of the Manila customs and they levy a tax of \$2 a barrel on flour, whether it comes from China, Australia or America. This gives the entire advantage to foreign firms in Hong Kong, who already have an established business in China with a branch house in Manila. They have banking facilities, telegraphic communications and only three days by steamer between Hong Kong and Manila, while I or any other representative of a distinctly American business must risk the market for at least five weeks and then pay our \$2 on every barrel of American flour.

The Hong Kong and Shanghai bank and the Chartered Bank of India have branches here on which drafts can be drawn. There is no American bank.

I am satisfied that there is a great business possible for American flour right here and I am convinced that all these eastern nations will eat flour, when they can get it, in preference to rice, and the problem of supplying them will fall largely on America.

Flour will not be introduced all at once, but as the lands now given to the cultivation of rice are found to be more remunerative for other crops, and when the supply of flour is assured, the present users of rice will turn to flour, which is more nourishing and satisfying than rice. The custom of eating rice and the absence of flour has made it appear that these eastern people preferred rice, but this is not a fact.

It is possible that some method of putting up flour other than 50 pound bags and yet have it cheap must be devised. The Japanese match factories pack their matches in tin boxes about 4x2x2 feet for this market, which is unnecessary in most countries. The atmosphere is always damp. A pair of shoes set away for a few days are covered with mildew, and this is not the wet season, but the dry season.

I know of a large lot of flour at Hong Kong that got worms in it. This was sent up to Vladivostok, subjected to frost and then sifted and re-sacked. The purchaser never knew the history or experience of that lot.

When the present uncertainty is settled and the coasting trade is resumed, and civilized luxuries and necessities are taken to the various ports in all sized crafts that will come back with sugar, hemp, tobacco, etc., flour will be an important commodity in ever increasing quantities, especially when the iniquitous \$2 tax on American flour is taken off.

I am not out here for my health, but for business, and have already cabled an order for 4,000 sacks of Puget Sound flour and am getting in shape to ship coconuts, hardwood lumber, hemp, etc., to America, and when the tariff on American articles is taken off there are articles that will pay well to import. In the beginning the methods of doing business and the markets must be studied and business acquaintances formed, so this preparatory time is not really wasted.

All the "magazine article" hopes will not be realized; in fact no one can with any degree of certainty predict the commercial future of the Philippines and what portion of the trade will come to America.

A. W. PRAUTCH.

GOVERNMENT CROP BULLETIN.

WASHINGTON, March 3.—The department of agriculture yesterday issued a special bulletin showing the condition of crops throughout the United States during February. Local conditions are given as follows:

Missouri—In south central and southeastern counties wheat was well protected by snow during severe cold weather, and but little damaged; in northern and western counties reports were conflicting, but crop generally unprotected and probably considerably injured, especially late sown, some report half killed; clover badly frozen out in many counties; peach buds nearly all killed and trees greatly injured; tender varieties of pears, plums,

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THE EUREKA TWO-FAN ELEVATOR SEPARATOR.

This is a new machine, having two complete and separate fans, thus creating an even suction from four different sides.

There are no DEAD CENTERS.

Our new counter-balance shoe drive insures smooth and steady running. THE MOST IMPORTANT FEATURE—Found on no other machine

REMEMBER that our machine has two whole fans, drawing air from four different sides, and is in no way similar to any other double fan separator that has only one fan split in two, drawing air from one side only.

THE "EUREKA" GRAIN CLEANERS and Oat Clippers, are the standard machines of the World, and nothing but the best material and skilled labor are employed in their manufacture. The results obtained from them cannot be equaled by any other machine.

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THE WESTERN Feed and Grain Co.

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Send Samples Winter Mixed CIPHERS: . . .
Feed 100s, and Bran Delivered, Boston Rate Points. Robinson's.
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I want a good Corn Account.

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FLOUR, PROVISIONS, GRAIN.

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cherries and other fruits, except apples, damaged to a greater or less extent.

Illinois—Winter wheat over north half of state is in very poor condition owing to extreme cold without snow protection; over southern half condition improves rapidly and in southern district is generally considered unharmed; much damage possible yet, however; rye in fair condition; clover much damaged, but too early to estimate; peaches, plums, cherries, blackberries and raspberries apparently much damaged; apples, pears and strawberries promising; stock doing well, feed abundant.

Indiana—During exceedingly cold weather first half of month wheat was well protected by snow in most localities and consequently was but little injured, except in the northern portion, where but little snow having fallen, many fields appear to be injured; in general the crop is in good condition and in some localities promises better than in many years; the top of the plant, however, is brown, but the roots are sound and the plant is deep rooted and vigorous, especially the early sown; late sown is small and possibly has been injured.

Texas—Wheat made very little growth during February. The unusually severe freeze damaged it in many sections and some of the fields will be plowed up; in other sections only the growth was checked and no material damage sustained; wheat needs rain generally and is suffering in places over western portions from drouth; with favorable weather from this time on the outlook is for a good crop.

Tennessee—The condition of wheat in eastern and middle sections as a rule is not very promising, especially late sown; snow, which covered the ground for a week or ten days, drifted so that large areas were left bare; bad stands are reported and in some counties much of the area will be planted in corn; in western section the crop was better protected and its condition is much more favorable; early sown wheat, while considerably damaged, is much better than that sown late.

Kentucky—During the extremely cold weather of the first part of the month wheat was well protected by snow and at close of February the crop was in better condition than at the end of January. Early sown wheat is in splendid condition, but the late sown is poor; from the present outlook the crop as a whole is not promising.

Kansas—Early sown wheat generally reported but little injured if at all; late sown considered injured from 10 to 25 per cent, but reports agree that it is yet too early to definitely estimate damage; wheat sown in stubble and cornstalk fields better than that on plowed ground.

Oklahoma—Ground frozen all the month and wheat has made little or no growth; its condition is not as good as in January and is slightly below average; it is thought the extreme cold of February did some damage to the crop; peaches and early fruit buds probably killed; no oats sown and no plowing done during the month.

OUR CUBAN LETTER.

HAVANA, Feb. 25.—(Special Correspondence.)—The week just ended has been rather quiet so far as business is concerned. The 22d being the anniversary of Washington's birthday, and a legal holiday, all the government offices closed. On the 23d (Thursday) General Gomez arrived in the city, and since that time we have had Cuban parades, feasts and rejoicing, but very little business. Markets are about the same as last week, perhaps a shade lower, best patents ranging from \$6.50 @6.85 Spanish gold. Trade is rather quiet all along the line, covering not only flour, but provisions and other goods.

I am glad to know that our business men are taking such active interest in affairs affecting trade with Cuba. I read with interest Mr. E. D. Tilton's letter to the paper of the Latin-American Club, also the articles copied from one of the Havana papers. Merchants here are agitating the question of buying all army supplies in Cuba. So far as I can see it would be only fair and equitable to do so. No doubt merchandise of all kinds could be furnished to the army here cheaper than buying and transporting from the States.

Buying army supplies here after full duty had been paid would not remedy matters altogether. We would still have to contend with the selling of the "over rations," and because these goods had paid duty would not make any difference, so far as demoralization of prices is concerned, if they continued to be sold in the Cuban market at much less than cost price. If the orders of Colonel Bliss are carried out and the government buys back these over rations, paying the soldiers cash, then the goods can be reissued and the soldier can buy his luxuries on a

legitimate plan and the government will consume all it buys.

St. Louis merchants should interest themselves in getting steamship lines established so they could have regular sailings to the ports of Matanzas, Cardenas and Sagua la Grande on the north, and Cienfuegos, Santiago and other ports on the south coast of the island. I believe the Mobile & Ohio Railroad people at Mobile have such a line in view, and St. Louis should encourage the enterprise.

W. D. SPARKS.

CUBAN TRADE STATISTICS.

MOBILE, ALA., March 1.—(Special Correspondence.)—In my last letter I gave the receipts at Havana for 1896 as compared with those of 1897. In this one I will give you those for 1897 as compared with those of 1898. The two taken together will show the gain made by the United States in the short time Cuba has been under the control of Uncle Sam:

Flour.	1897.	1898.	1898.	1898.
			Decr.	Incr.
Santander...	249,400 Sks.	90,924	158,476	
Catabana.....	127,240 "	60,259	67,481	
U. S.	79,184 "	184,099		104,915
U. S.		21,590 bbls.		21,590
Total.....	456,824 "	556,872		

The immense decrease in shipments from Spain corroborates my previous statement that owing to duties the United States had to ship via Spain to Cuba. This being unnecessary under the new order of things, the United States shows up properly and it also in very forcible language tells to the west the lucrative monopoly enjoyed by the eastern commission merchant—and what is true of flour is equally true of other products

Corn.	1897.	1898.	1898.	1898.
	Sacks.		Decr.	Incr.
U. S.	201,087	126,472	75,595	
Spain	112,891	18,527	79,985	
Porto Rico ..	19,486	4,281	6,245	
Mexico		14,522		14,522
Total	334,424	159,962		

The decrease in the corn receipts is easily accounted for on the ground that during the war the greater part of the live stock was killed off. Soon, however, the island will be supplied with cattle, as within the past six months 90,450 head have been imported. In January alone the importations reached 29,991 head.

Receipts at Havana of flour from February 10 to February 20 were 11,828 sacks, all from the United States, of which 5,030 sacks were carried by Mobile steamers. Stocks on hand in Havana are 28,000 sacks, of which 650 sacks are Spanish flour that finds slow sale at \$5, as against \$6@7 for flour from the United States, the lat-

LEADING IMPORTERS OF THE UNITED KINGDOM

W. M. MEESON, AMERICAN FLOUR IMPORTER. - - Stand 55, Old Corn Exchange, And at Battlesbridge, Essex. 50 MARK LANE, LONDON, E. C.	PILLMAN & PHILLIPS, FLOUR IMPORTERS and MILLERS' AGENTS, LONDON, LIVERPOOL, BRISTOL AND BELFAST.	BEGBIES, ROSS & GIBSON, FLOUR FACTORS, 23 Old Corn Exchange. 2 East India Ave., Cable Address: BEGBIES, LONDON, E. C. BANKERS: London City & Niedland.
T. B. HORNE. D. D. HORNE. J. M. HORNE. HORNE BROTHERS, GRAIN and FLOUR MERCHANTS, C. I. F. Business only. LIVERPOOL.	G. C. BARNES. A. BARNES. BARNES & CO., FLOUR IMPORTERS, CODE: Riverside, 10, DRURY LANE, 1890 Ed'n. LIVERPOOL. Telegraphic address "Minatory," Liverpool.	ARTHUR V. JAMES. ISAAC MCILROY. ARTHUR JAMES & CO., IMPORTERS AMERICAN FLOUR, 15 Queen Square, BRISTOL.
FRANCIS BARNARD, GRAIN AND FEED BROKER, Branch at 56 Queen Square, Commercial Road Docks, BRISTOL. GLOUCESTER.	THOMAS POLE. C. J. ABBATT. Chamberlain, Pole & Co., FLOUR AND CEREALS. BRISTOL.	TAPSCOTT, KITCHEN & NEVILLE, IMPORTERS OF Mill Feed, Flour, Maize, Oats, Hominy, Feed, Etc. Codes: Riverside, A. B. C. and A1. Liverpool & London, E. C.

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OF GLASGOW, SCOTLAND

Agent to Lloyds. Haytien Consulate. THOMAS DUNLOP & SONS, Flour Importers, Ship Owners and Brokers, 70 Wellington Street, GLASGOW.	BRUCE & WILSON, 70 WELLINGTON ST., Cable Address: GLASGOW.	M. KOSMACK & CO., GLASGOW: BERLIN, GERMANY: Flour and Feed. Wheat, Rye, Corn, Flour and Feed. Branches at Liverpool, Belfast, Dublin, Bristol and Edinburgh-Leith.
PETER RINTOUL, SON & CO., ... 81 HOPE STREET ... Cable Address: Glasgow.	CRAWFORD & LAW. 81 Hope Street, Fenwick Court, GLASGOW. LIVERPOOL. CABLE ADDRESSES: "Camellia," Glasgow. "Lexicon," Liverpool.	DEMPSTER, PETERSON & CO., III Union St., Cable Address: "BELLINO" GLASGOW.
FARQUHAR BROTHERS, ... 81 Hope Street, ... Cable Address: "Glencairn," Glasgow. C. I. F. Business only.	DUNLOP BROTHERS. 11 Bothwell St., Cable Address: "MERITO." GLASGOW.	MOWAT BROTHERS, 7 Madeira Court, AND AT BELFAST. GLASGOW.

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ESTABLISHED 1854.


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PETER DOWIE & CO.,
 FLOUR IMPORTERS, GLASGOW AND LEITH.

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SHAW, POLLOCK & CO., Ltd. FLOUR IMPORTERS, BELFAST AND DUBLIN. Cable { "Pollock, Belfast." Addresses: { "Pillsbury, Dublin."	FRANK F. FIGGIS, FLOUR AND FEED, BELFAST.	W. & R. BARNETT, GRAIN AND FLOUR, 15 Victoria Street, BELFAST. Cable Address: "Provider, Belfast."
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EUGENE M. JANSSENS & CO., FLOUR, FEED & CORN PRODUCTS, Rue Appelmanns 17, Cable Address, "Adolf, Antwerp." ANTWERP.	LEDEBOER & VAN DER HELD, Grain, Flour, Seed and Linseed Cake, ROTTERDAM.	W. SCHOFFER & CO., IMPORTERS OF Grain, Flour, Linseed, Cottonseed Meal, Linseed Cake, ROTTERDAM.
G. H. VOORHOEVE, IMPORTER OF FLOUR, FEED, LINSEED CAKE, &C., ROTTERDAM.	GEBROEDERS VAN STOLK, IMPORTERS OF Grain, Flour, Linseed, Linseed Cakes, Cottonseed Meal, &c. ROTTERDAM.	G. L. STUYCK, IMPORTER OF FLOUR, GRAIN, FEED AND OIL CAKES, ANTWERP, BELGIUM.
P. A. BUNDTEN, IMPORTER OF GRAIN, SEEDS AND OIL CAKES, AMSTERDAM. Cable Address: "Bundten."	D. SCHUMACHER, IMPORTER OF Grain, Seeds, Oilcakes and Cottonseed Meal On Commission or Own for Account. AMSTERDAM. Cable Address: "Mercurius."	JOHN H. BARRE, IMPORTER OF Wheat, Bran, Cottonseed Meal, Brewers' Grain, Maltspouts, Oil Cake, Etc. BREMEN, GERMANY. Cable Address: "Barre, Bremen."
MATHIEU LUCHSINGER, IMPORTER OF FLOUR AND GRAIN AMSTERDAM.	VANDER ZEE & GRIPPELING, IMPORTERS OF GRAIN AND FLOUR, AMSTERDAM.	H. F. OSIECK, (ESTABLISHED 1854) FLOUR AND GRAIN IMPORTER, AMSTERDAM. Cable Address: "Osieck," Amsterdam.
J. D. BARTH, MILLERS' AGENT. Also open to represent first-class houses in Grain, Cotton Seed Products, Dried Brewers' Grain, Maltspouts, Linseed Cake and Meal, and Corn Oil Cake. A 1 REFERENCES. BREMEN, GERMANY. Codes: "Riverside, 1890," "Baltimore Grain," "A. B. C." and "Modern Code." Samples and correspondence solicited.	GOTTFR. LUCE, FRIEDR. W. HENKE, Succ'r, IMPORTER OF Flour, Grain, Maize and Maize Products, Feedstuffs, etc. Agents at Antwerp, Rotterdam, Hamburg, Danzig, Berlin, Königsberg, and all principal points on the continent. BREMEN, GERMANY. Cable Address: "Friedhenke," "Riverside Code, 1890." "Acme Grain Code, 1891."	F. Mahn & Co. IMPORTERS AND AGENTS FOR THE SALE OF ALL KINDS OF GRAIN, HAMBURG, GERMANY. Cable Address: "Mahngrimm—Hamburg."
GEBR ARNOLD, IMPORTER OF Bran, Wheat & Corn, Feedstuffs, Flaxseed Cakes, Etc. HAMBURG, GERMANY, Riverside Code, 1890. Cable Address: "Arnobius, Hamburg." Correspondence of responsible firms invited with a view to C. I. F. business.	GUSTAV KRÜGER, IMPORTER OF Grain, Flour and Mill Products, BERLIN, S. O., Schmidt-Strasse 18. HAMBURG, Alsterweg 19. Codes: "Riverside, 1890." "A. B. C. 4th Edition." "Baltica," Berlin. Cable Address: "Baltica," Hamburg.	 Desires Connection For COTTON SEED PRODUCTS, Bran of all kinds, Dried Grains, Malt Sprouts, Rice Polish, Rice Bran, Lin- seed Meal and Cake. C. I. F. Business. In daily connection with all German Importers. I use the following codes: A. B. C. Fourth Edition, Baltimore Export Cable, I. K. Armsby Cipher 1893, Riverside 1890, Woerterbuch "Bern," Adams Cable Code.
SIGMUND VASEN, Grain and Commission Merchant, MAIN OFFICE, BERLIN N. W. BRANCH OFFICE, HAMBURG, 8. OPEN FOR CONSIGNMENTS. CABLE ADDRESS: "VASEN," Berlin. Hamburg.	H. S. CRAMER, Grain Commission and Agent, 31 Burgstrasse, Berlin, C. Branches at Hamburg and Bremen. CABLE ADDRESS—"PERASPERA."	ter prices being according to class and brand. Corn receipts for same time were 8,800 sacks, of which Mobile steamers carried 3,504 sacks. Bran receipts were 1,600 sacks. The steamer Widdrington of the regular Havana line cleared from Mobile on Saturday, February 25, with a cargo valued at \$42,049, distributed as follows: Havana, \$31,622; Matanzas, \$3,762; Cardenas, \$6,665; and consisting in part: For Havana, 1,134 sacks of flour, 3,346 sacks of corn; for Matanzas, 571 sacks flour; for Cardenas, 320 sacks flour, 200 sacks corn. The Cuban business via Mobile is growing to such an extent the officers of the Mobile & Ohio railroad deem it wise to have a representative on the spot, and they are sending to Cuba one

BRESLAUER DISCONTO BANK, BERLIN.

CAPITAL, IN SHARES, 40,000,000 MARKS.

GRAIN DEPARTMENT

open for consignments of Grain, Flour, and all kinds of Mill Products, Cotton Seed and Linseed Meal, Cakes, etc.

Liberal advances on Bills of Lading. Goods forwarded to all parts of Europe.

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THE WINFIELD ROLLER MILLS,

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We make a strictly pure, high grade, unadulterated Flour from the best selected Kansas Wheat. YOUR TRADE SOLICITED.

Goodlander Milling Co.,

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HIGH GRADE KANSAS FLOUR.

CORRESPONDENCE SOLICITED.

FORT SCOTT, KANS.

"Goodlander Flour makes the Best Bread."

Stafford Milling & Elevator Co.,

STAFFORD, KANSAS, U. S. A.

Finest Kansas Hard Wheat Flours.

FOREIGN AND DOMESTIC
CORRESPONDENCE SOLICITED AND
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Capacity 400 barrels.



FOREIGN & DOMESTIC TRADE SOLICITED.

Halstead Milling & Elevator Co.,

HALSTEAD, KAN., U. S. A.

KANSAS HARD WHEAT FLOUR.

Daily Capacity 400 barrels. Correspondence solicited and samples submitted.

B. WARKENTIN, - - MANAGER.
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The Crosby Roller Milling Co.,

MANUFACTURERS OF

Kansas Hard Wheat Flours.

Export and Domestic Trade Solicited.

TOPEKA, KAS., U. S. A.

Rea-Patterson Milling Co.,

MANUFACTURERS OF

PURE WINTER WHEAT FLOUR.

Correspondence Solicited and Samples Submitted.

Daily Capacity, 800 Barrels. COFFEYVILLE, KAN., U. S. A.

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LARKIN SONS,

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ELLSWORTH ROLLER MILLS,

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EXPORT.

HARD WINTER WHEAT FLOUR.

DOMESTIC.

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WILLIS NORTON & CO.,

Pure Kansas Hard Wheat Flour.

Correspondence solicited from foreign and domestic buyers.

TOPEKA, KANSAS.

The Kelley & Lysle Milling Co.,

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HIGH GRADE . . FLOUR,

WINTER WHEAT

LEAVENWORTH, KANS.

NEWTON MILLING & ELEVATOR CO.,

MANUFACTURERS

OF

KANSAS Hard Wheat Flour

Capacity, 600 barrels daily. Cable address, "Warkentin." Domestic and Foreign correspondence solicited. Samples submitted. B. Warkentin, Manager. NEWTON, KAN., U. S. A.

Mill Entirely New. Capacity, 700 Bbls.

MID-CONTINENT MILLS.

THOS. PAGE, PROPRIETOR.

NO. TOPEKA, KAN.

Soft Wheat Brands, Hard Wheat Brands, BIG FOUR, CLIMAX, GOLDEN ROD, BUTTERFLY, PRAIRIE FLOWER, GOLDEN LINKS.

Arkansas City Milling Co.,

KANSAS FLOUR.

For domestic and foreign trade.
Daily capacity, 1,000 bbls.
Correspondence invited.

ARKANSAS CITY, KANSAS.

CAPACITY 800 BBLs.

Bowersock Milling Company,

DOUGLAS COUNTY MILLS.

WINTER WHEAT FLOUR.

PACIFIC MILLS
WHOLE WHEAT FLOUR, Water Power to Lease.
RYE FLOUR & CORN MEAL
800 BBLs. LAWRENCE, KANS.



NEW PRAQUE FLOURING MILL CO.,

NEW PRAQUE, MINN.

MANUFACTURERS OF THE CELEBRATED

SEAL OF MINNESOTA

A high grade, strong, well milled spring wheat flour.

Mills at New Prague and Blue Earth City Minn. MAIN OFFICE NEW PRAQUE, MINN.
Capacity, 1200 barrels daily.

We invite correspondence from any territory

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Burlington's

8:46 p. m. limited.

Wide vestibuled, Pintsch lighted throughout, with free chair cars, compartment and standard sleepers.



Are You In Line For DOMESTIC OR FOREIGN
Write The Modern Miller. Business?

of their brightest freight men, Dan W. Buhl, who for years was commercial agent at Mobile, but several months since was promoted to division freight agent with headquarters at Montgomery, Ala. Mr. Buhl is eminently fitted for the purpose, as, being familiar with the Spanish language, he can by avoiding the use of an interpreter, come in close touch with the merchants, explaining to them in their own language the facilities possessed by his road for handling their freight economically and with dispatch. He can also educate these same merchants as to the geography of this country, eradicating from their minds the idea they have that New York is the entire United States.

I do not remember of having ever seen in your journal a description of the dock facilities possessed by the Mobile & Ohio railroad at Mobile for handling export and import business. Perhaps the following will prove of interest to such of your readers as are exporters and importers and with whom the proper care of their freight is a great consideration:

Pier No. 1, which is known as the first wharf or dock, has a face river front of 815 feet, with a width of 50 feet. It is protected from the weather by a covered shed. Under this shed are laid railroad tracks, enabling the handling of freight direct from car to steamer or vice versa. It is no unusu-

al sight to see four fruit steamers at one time at this wharf, discharging their cargoes of fruit directly to the cars.

Pier No. 2 is 429 feet long, with a river front of 30 feet. Pier No. 3 is 425 feet long, with a front of 60 feet. Between piers 2 and 3 is a slip 100 feet wide, the same depth as the piers and with a depth of 23 feet of water. These piers are protected with sheds and have tracks the same as pier No. 1.

Pier No. 4 is 475 feet long, with a river front of 150 feet. On this pier is a large 2 story warehouse the same length as the pier, and 90 feet wide, with sliding doors every 20 feet; three electric elevators and all other modern appliances for the quick handling of freight. Between this pier and pier No. 3 is a slip the same length as the piers, 90 feet wide and with a depth of water of 23 feet. The same is true on north side of pier. The Mobile & Ohio has recently purchased a river frontage of 1,000 feet just north of pier No. 4, which is to be improved on the same style as this pier.

From this it can be seen that the Mobile & Ohio can accommodate at one and the same time 33 large steamers with berth room either to load or discharge, and no matter what the weather, freight is protected from all danger of damage, and loading or unloading proceeds without delay.

That Mobile is destined to be an important point on the gulf, the Mobile & Ohio railroad recognizes, and that its present wharf facilities will not be adequate for the increased business. It has made arrangements for the immediate extension of what is known as the Duncan branch from its present terminus just outside of the city limits to Alabama City, on Mobile bay, and Portersville, on Mississippi sound, both points being in Mobile county. At Alabama City is deep water sufficient to float any size vessel. At this point will be erected immense coal docks, so that steamers need not load with their bunkers containing from 500 to 1,000 tons of coal at the city, thus reducing their loading capacity, but can load to 23 feet and then proceed to Alabama City for their coal.

Mobile is soon to have another trunk line, the Southern railway, which has recently purchased the Mobile & Birmingham railroad, taking possession of same on March 1.

The following table of comparative distances speaks eloquently of the position Mobile occupies:

	Miles.
Chicago to New York.....	807
Chicago to Mobile	857
Kansas City to New York.....	1,303
Kansas City to Mobile.....	821
St. Louis to New York.....	1,050
St. Louis to Mobile.....	644
Mobile to Cuba.....	575
New York to Cuba.....	1,250
Mobile to British Honduras.....	750
New York to British Honduras.....	2,300
Mobile to Guatemala	1,000
New York to Guatemala.....	2,300
Mobile to Spanish Honduras.....	1,040
New York to Spanish Honduras.....	2,600
Mobile to Costa Rica.....	1,489
New York to Costa Rica.....	2,805
Mobile to Nicaragua.....	1,250
New York to Nicaragua.....	2,810

E. E. ENGLAND,

Secretary Mobile Chamber of Commerce.

NEW YORK AND THE EASTERN STATES.

NEW YORK, March 3.—(By telegraph.)—The market has changed but little the past week and the volume of trade has been so light that there has been very little to make a feature to the market. There has been a moderate interest in spring patents at about the prices ruling last week. The sales have in the main been at \$3.90@4, with small lots a little above these figures on fancy brands, but not on lines. There has been a little better tone on bakers and there has been some scarcity on the spot, but to arrive there has been no change and only a small trade at the best. The mar-

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MILLING COMPANY
 NEW YORK CITY, U.S.A.
 CAPACITY, 11,000 BARRELS A DAY.
 FLOUR ALWAYS SHIPPED FRESH
 THE ONLY FLOUR MILLS IN
 NEW YORK
 THUS ASSURING
 PROMPT SHIPMENTS.
 CHOICE
 SPRING, BLENDED & WINTER
 WHEAT FLOUR.

ket for winter wheat flour has been about the same as last week. There has been a small business in the better grades at steady prices, but no general interest has been shown and prices are unchanged at the figures ruling last week, and the market is barely steady at the close. The trade in low grade has been irregular, slight concessions being made in order to move the flour. It is generally claimed that on many grades of flour it would be impossible to duplicate the flour being sold from day to day, but in the present state of trade there is not much willingness to stock up. Exporters continue out of the market.

There has been a fair business in rye flour this week with prices steady at \$3.25@3.55. The firmness of cash rye is giving a firm undertone but there is no activity of demand.

The wind up for the week is very dull and featureless and has been so throughout the week.

LONDON.

LONDON, March 3.—(By cable.)—Market continues very dull. Winter wheat patent, \$3.70; fancy, \$3.35; Kansas patent, \$3.65; spring wheat patent, \$3.90.

LIVERPOOL.

LIVERPOOL, March 3.—(By cable.)—Sales slow; market very dull. Winter wheat patent, \$3.90; extra fancy, \$3.55; Kansas patent, \$3.65; spring wheat patent, \$3.85.

THE OUTLOOK

Domestic flour trade showed some slight improvement this week, most noticeable in an increased Southern demand, but ruling prices are too low for a fair profit at present wheat values. The foreign trade continues to be very light and concessions in prices are demanded by both United Kingdom and the continent. Few winter wheat mills are running to full capacity, and many running half time find it difficult to dispose of their product.

MINNEAPOLIS AND THE NORTHWEST

MINNEAPOLIS, MINN., March 3.—(By telegraph.)—The flour market is dull, with only moderate sales for domestic account. Foreign bids are considerably under the market. The production is not large and a portion of it is being stored. First patents, \$3.65@3.75; seconds, \$3.45@3.55; first clears, \$2.85@2.95; red dog per ton, \$12.50@13.

CHICAGO AND CENTRAL STATES.

CHICAGO, March 3.—(By telegraph from Montague & Co.)—During the past week there has been a slight improvement in the local demand for flour at prices unchanged to slightly lower. Trade is very dull. No demand for export. Winter wheat patents, \$3.70@3.80; spring wheat patents, \$3.60@3.70; straights, \$3.40@3.50; millfeed firm, bran \$12.75 bulk.

QUINCY.

QUINCY, ILL., March 3.—During the past week the temperature has ranged from 10 to 40 degrees above zero, with several hard rains and some snow, which has at this writing entirely disappeared. There have been some damage reports mentioned again, but they have been of a rather tame nature and not much interest has been taken in them by the more conservative farmers and millers. I have taken a number of samples of the growing wheat since the last severe freeze, which will be developed to determine the extent of the damage reported, which I will report next week. I do not believe there has been any damage that could conservatively be taken into account, as we had but one night of severe cold and at that time there was almost two inches of snow on the ground. Wheat receipts for the past week from farmers' wagons have been rather light on account of rain and bad roads, with prices off about 2c per bushel. The local millers are to-day paying 66@68c per bushel for No. 2 red winter wheat; 61@63c for No. 3; 50@52c for No. 4; rye, 50c; corn, 30@37c; oats, 24@25c. Millers are holding the prices of flour and feed steady at the following range: High patent, \$4; second patent, \$3.80; hard wheat straight, \$3.80; retail 20c per barrel higher; bran, \$13, and shipstuff \$15 per ton; bolted meal in bulk, \$1, and sacked \$1.10 per 100; chopped corn, 85c per 100.

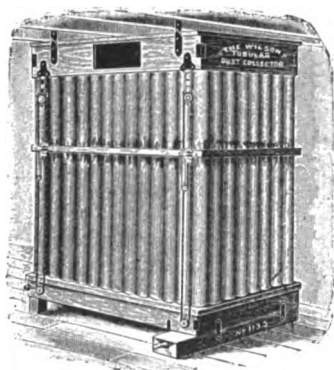
The Farmers' mill is running daytime and Mr. Weltin reports demand for flour and feed sufficient to take his output.

Knollenberg & Wavering of the City mill have taken advantage of the bad roads and light wheat receipts to make some needed repairs on their mill this week, this being the first stop of any consequence since the first of last July.

Dick Bros. Milling Co. report their mill running daytime with sufficient demand to take their output, and as they have a fine city trade this demand is very regular and of course more satisfactory than one a long ways from home.

Taylor Bros. Milling Co. report export bids for flour getting a little better each week with prospects of buyers and sellers getting together soon, which with better prices for feed would probably lead to doing more satisfactory business than has been possible for the past two months.

Pape & Loos of the Acme mill are



If You Want a Collector

That Is Guaranteed
to Collect and
Settle All
of the Dust,
Get

"The Wilson Tubular"

WITH DETACHABLE TUBES.

Manufactured by

HARMON-WHITMORE CO.,

JACKSON, MICH.

L. S. MEEKER,
General Agent.

GENTLEMEN—

We respectfully call your attention to the following testimonial letter. It has the right "ring." It carries weight. It is sincere and unbiased. The contract was let to us after a most careful investigation of different makes of Flour Milling Machinery, especially of Sieve Bolters, and much was expected of us. The wisdom of their choice has been sustained.

We are interested in knowing what your choice will be when the time comes. Yours truly,

NORDYKE & MARMON CO.

Kansas City, Feb. 14, 1899.
Messrs. Nordyke & Marmon Co., Indianapolis, Ind.

Gentlemen—We feel it is due you that we should give you for publication, if you desire, what we have on several occasions stated to you, that our mill, which you entirely reconstructed, is giving us the very highest satisfaction in every respect. In point of yield and quality of product we are unable to find anything better.

Having had extensive experience during the many years in which we have been milling with many makes of machines, we are free to say that your rolls, your purifiers, your dust collectors, your reels and your swing sifters are all of most excellent construction, easily handled and under full control of the miller. The thirteen swing sifters are making a large number of separations and producing as perfect work as has ever come to our notice. They run with very little power, require the least possible attention, have large capacity, make clean separations and impart no vibrations to the building. Your cloth-cleaning device is perfect.

Both the mill and its products are attracting the attention of millers and flour buyers from all sections, and we have the most flattering testimonials on our flour, both from at home and abroad.

Yours truly,
ZENITH MILLING CO.
L. M. Miller, President.

Kansas City, Mo., Feb. 14, 1899.
Messrs. Nordyke & Marmon Co., Indianapolis, Ind.

Gentlemen—We enclose testimonial letter, which we honestly believe is due you. We often take notice of such letters in the various milling journals, but they frequently come from parties who are under obligations to the builder in some way, and often they appear before the builder has had full pay for his work, with the view of making the payments at later dates than their agreement calls for.

We are under no other obligations than to thank you for having put us in the way of getting a first-class mill, and we are always ready to show the mill to anyone you may send this way, and it will at no time be necessary for you to get permission from us for such purpose.

Yours truly,
ZENITH MILLING CO.
L. M. Miller, President.

NORDYKE & MARMON CO.,

Flouring Mill Engineers, Iron Founders and Machinists,

INDIANAPOLIS, IND.

able to keep their mill running daytime and report a very satisfactory business. Most of the farmers bringing wheat to their mill speak encouragingly of bright prospects for a fine crop of wheat for the coming season.

Mr. David Long, proprietor of the Gem mill, reports the demand for buckwheat, graham and rye flour good. He is enjoying a fine trade in these goods as well as for cornmeal and all other kinds of meal feed.

HANNIBAL.

The Hannibal Milling Co. are running the Empire mill daytime and report no stock of flour or feed on hand. Carter, Shepard & Co. keep the Eagle mill moving daytime with now and then making some extra hours to get out orders.

Pindell Bros. & Co. put in a big run last week and report making some large sales adjacent to Hannibal for immediate shipments.

Most of the farmers hauling wheat to Hannibal report the growing wheat in good condition and say the acreage is very much in excess of former years.

Warsaw, Ill., milling conditions remain about the same as one week ago. There are a few wheat damage reports coming in, but they are not given much attention by the more conservative farmers and millers.

In concluding this letter I will call attention to the fact that the physical conditions of the growing wheat through Northeastern Missouri, Southeastern Iowa and Western Illinois are at this writing much above the average for this season of the year. I have traveled a great deal during the past seven or eight weeks through the territory spoken of and have personally gone into the fields and made every effort possible to get at the true conditions existing, and from results obtained from actual demonstrations I do not believe the growing wheat in fields visited by me have sustained damage to exceed 1 per cent to the plants.

W. D. HOLLISTER.

SAN FRANCISCO.

SAN FRANCISCO, Cal., March 3.—(By telegraph.)—Flour receipts for the week amounted to 22,000 barrels. Exports of flour: China, 5,000 barrels; Manila, 1,000 barrels; United Kingdom, 6,000 barrels; Honolulu, 2,000 barrels. Flour market, \$4.15. Exports of wheat to United Kingdom, 7,000 bushels. Wheat market, 67½c.

ST. LOUIS

ST. LOUIS, March 3.—Total receipts of flour for the week ending to-day and including Saturday were 27,545 barrels, as compared with 30,080 barrels last week and 20,380 barrels the corresponding week a year ago. Shipments for the week amounted to 34,606 barrels, as against 32,577 barrels last week and 28,032 barrels the corresponding week in 1898.

Advices regarding the flour market received here from abroad during the week were weak and not at all encouraging to flour sellers on this side. Cable bids were far too low to admit of sales for export, and as a result there was practically nothing doing in that branch of the trade. There was a better domestic demand, however, coming principally from the south, though a fair business was done with the east, the latter chiefly in hard wheat flours. The volume of business transacted was not large, however, as buyers are not inclined to take on very large stocks in the face of a weak wheat market, and so near the new crop. Quotations given below are about 10c per barrel lower than last week owing to the decline in wheat: Patent, \$3.50@3.60; straights, \$3.15@3.20; clear, \$2.75@3; low to medium, \$2@2.50.

The domestic demand for bran shows some improvement, but trade is still restricted owing to the small offerings. At the mills sacked bran is quoted at 62@63c and 61c was bid by eastern shippers, basis East St. Louis.

Cornmeal quiet at \$1.70@1.75 per barrel f. o. b.; pearl meal, hominy and grits, \$2@2.05.

The output for St. Louis mills for the week ending March 4 was 25,900 barrels, against 28,700 barrels last week and 44,100 barrels the corresponding week last year.

W. J. Baker of the St. Louis Milling Co., Carlinville, Ill., spent several days in St. Louis this week.

Corwin H. Spencer, who was suffering with la grippe for nearly a week, was able to be out Tuesday and was on 'change.

E. B. White of Leesburg, Va., formerly a prominent grain exporter here, was in St. Louis a couple of days this week.

J. B. McGee of the H. L. Halliday Milling Co., Cairo, Ill., has returned from a trip to Cuba in the interest of that mill.

Washington advices say that the Government report to be made public

on March 10 will cover amount of grain in farmers' hands.

Proctor Taylor, of Taylor Bros. Milling Co., of Quincy, Ill., and Frank Pindell, of Pindell Bros., Hannibal, Mo., were visitors on 'change Monday.

John Fraser, representing the Edward P. Allis Co. in this territory, was in St. Louis the latter part of this week having come down from Peoria Thursday.

During the month of February, 9,776 barrels of flour were inspected in St. Louis, against 11,477 barrels in January, and 10,897 barrels in February, 1898.

The stock of wheat in private elevators and city mills of St. Louis March 1 was 266,000 bushels, compared with 205,000 bushels February 1 last and 311,000 bushels on March 1, 1898.

On March 1 the stock of flour in St. Louis, as reported by the Merchants' Exchange was 62,510 barrels, against 78,975 barrels February 1, and 37,450 barrels March 1, 1898.

It is said John W. Kauffman will start in a few days on an extended pleasure tour. He will visit for several weeks in California, before taking passage for the Hawaiian Islands and the Philippine Islands.

H. J. Meyer of the milling firm of Meyer & Bulte, Clinton, Mo., was on 'Change Friday. He is convinced growing wheat was not injured by the recent cold weather and says it is beginning to look green again in that section.

W. H. Pindell of Pindell Bros. Milling Co., Hannibal, Mo., and Capt. George Baker of the St. Louis Milling Co., Carlinville, Ill., were among the out of town millers on 'Change Wednesday. Capt. Baker believes the late sown wheat about Carlinville has been materially damaged.

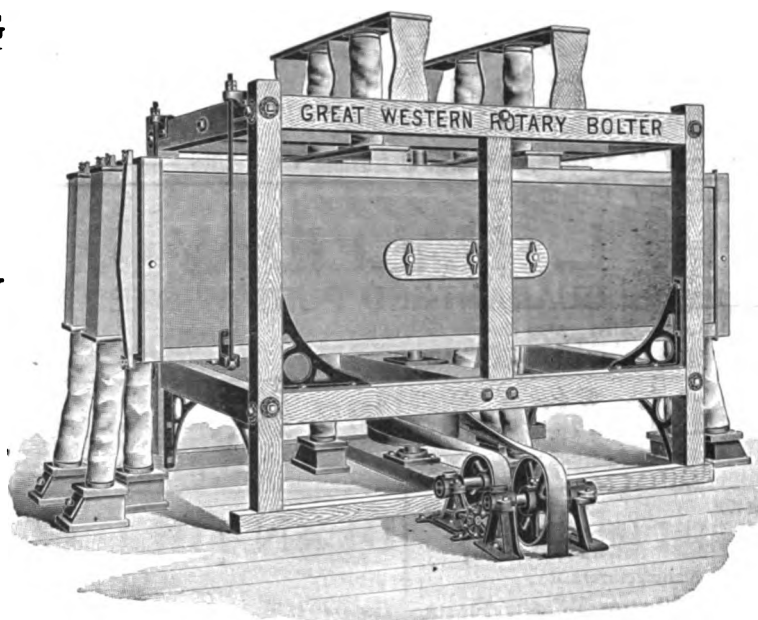
E. F. Schoening of the Columbia Star Mills, Columbia, Mo., was on 'change Monday. His plant will close down at the end of this week for remodeling to the Universal system, the contract having been awarded to the Edward P. Allis Co., through its representative, John Fraser. This work will, it is expected, be completed and the mill put in operation again early in April.

One of the center elevators in the Merchants' Exchange Building dropped several feet on Wednesday while a number of Exchange members were in the car. Beyond a scare and a shaking up, no damage was done to the passengers, but the elevator machinery was considerably damaged by the

**A PERFECT BOLTING
MACHINE. ❖ ❖ ❖**

**THE
GREAT
WESTERN
ROTARY
BOLTER.**

**For Sieve
System Mills.** —————

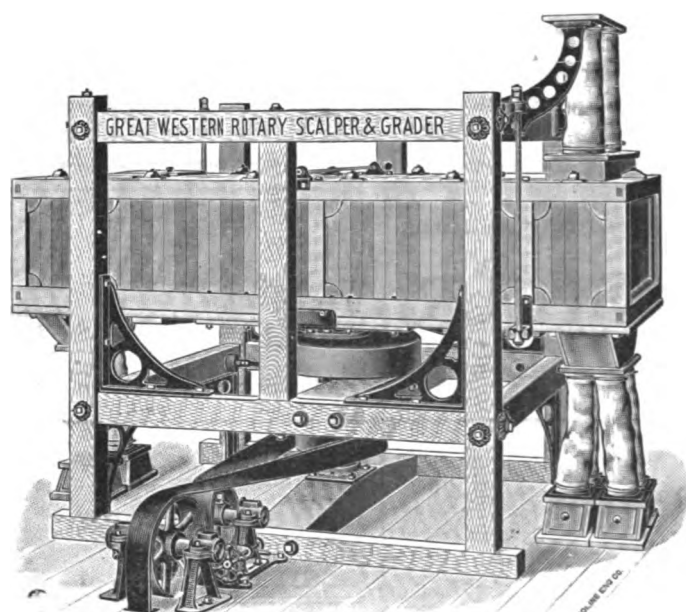
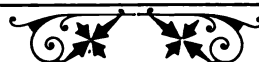


A Complete Machine for Scalping, Grading and Flour Dressing.



**A SUPERB SCALPING AND
GRADING MACHINE.**

The Great Western Rotary Scalper and Grader.



THIS machine is designed for scalping and grading, and makes either three or four separations of any reduction, from either smooth or corrugated rolls, and can be furnished to handle from one to five reductions. Send for Circulars, Prices, Etc.

**GREAT
WESTERN
MFG.
COMPANY,**

MILL BUILDERS AND FURNISHERS,

LEAVENWORTH, KANS.

Joseph W. Wilson, Agent, P. O. Box No. 962 Salt Lake City, Utah. Kansas City, Mo., Office: Great Western Mfg. Co., No. 1221-1223 Union Avenue.

LEADING MILLS OF ILLINOIS

SPARKS MILLING CO., ALTON, ILL., U.S.A.

—W. D. SPARKS, in Charge of Havana, Cuba, Office.—

OUR FACILITIES for handling the Cuban trade are complete. Write for prices to our home office or to our branch in Havana, Cuba.

H. E. HALLIDAY, President.

W. S. GORE, Manager.

H. L. HALLIDAY MILLING CO.,

Manufacturers of GUARANTEED PURE WINTER WHEAT FLOUR. Cairo, Illinois.

Capacity, 800 barrels daily. Also dealers in Grain.
Our Leading Brands are { SYLPH, Patent.
CLEOPATRA, Extra Fancy.

Correspondence Solicited.
Our grain receiving and storage facilities and shipping advantages are unsurpassed.

Columbia Star Milling Co.,

SUCCESSORS TO HENRY HUOH.

COLUMBIA
STAR BRANDS
Foreign and Domestic
Correspondence Solicited.

CAPACITY, 500
BARRELS.

COLUMBIA, ILL.

Established 1861. Capacity, 600 Bbls. Daily.
REICHERT MILLING CO.,
Manufacturers of
Pure Soft Winter Wheat Flour.
PLANSIFTER SYSTEM.
...FREEBURG, ILL., U. S. A...

DEAN MILL CO.,
AVA, ILL.
Highest Quality
Winter Wheat.. **FLOUR.**



Eagle Milling Co.,
SPARTA, ILL.
MANUFACTURERS
OF...
High Grade Flour from
Best Winter Wheat.
Capacity, 400 Barrels.

1875-1898. CAPACITY, 600 BBLs.
SCHULTZ, BAUMAN & CO.,
BEARDSTOWN, ILL.
PURE SOFT WINTER WHEAT **FLOUR**
for Domestic and Foreign Trade.

EGYPT MILLING CO.
ESTABL. **ASHLEY ILL.** 1866.
MANUFACTURERS OF
PURE WINTER WHEAT FLOUR

WATERLOO MILLING CO.,
WATERLOO, ILL.
Manufacturers of...
Winter Wheat Flours,
"MONARCH" and "CALUMET."



JOHN HUEGELY, JR. THEO. L. REUTER.
JULIUS HUEGELY.
Huegely Milling Co.,
Nashville, Illinois.
Manufacturers of High Grade
Winter Wheat Flour.
Huegely's Best, Washington, Huegely's Eagle,
Lily or Egypt.

PINCKNEYVILLE MILLING CO.,
—MANUFACTURERS OF—
Fine Winter Wheat Flour
PINCKNEYVILLE, ILL., U. S. A.
Capacity, 500 Barrels.



MAGNOLIA MILLS,
WATERLOO, ILL.
T. KOENIGSMARK, Proprietor.
Capacity, 400 Barrels.

H. C. Cole Milling Co., Chester, Illinois.
Manufacturers of
Pure and Uniform
Capacity, 700 Bbls.
RED WINTER WHEAT FLOURS
BRANDS:—"Omega," "Theta," "Cole's Mills," "FFFG," "Comfort," "Dianara."

SOUTHERN ILLINOIS MILLING CO. Capacity, 500 Barrels.
--- MANUFACTURERS OF ---
PURE RED WINTER WHEAT FLOUR.
Does a foreign and domestic business. Does not employ brokers.
MURPHYSBORO, ILL., U. S. A.

HEZEL MILLING CO., E. St. Louis, Ills.
FINEST
WINTER
WHEAT
FLOURS.
Capacity, 800 barrels.
Commenced business 1866.



ESSMUELLER-HEYDE MILL FURNISHING CO.,
MILL BUILDERS AND MACHINISTS.
Corrugating and Grinding Rolls a Specialty. Bolting Cloths
Made Up On Short Notice.

605 S. SIXTH STREET, ST. LOUIS, MO.

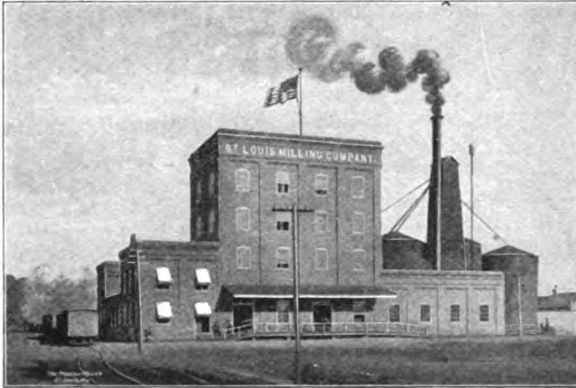
WRITE US.

**Canadian County
Mill and Elevator
Company.** Capacity, 700 Bbls.

Manufacturers of KANSAS HARD WINTER WHEAT FLOUR for Domestic and Foreign trade. Correspondence solicited.
Cable address—Canadian. El Reno, Oklahoma, U.S.A.

LEADING MILLS OF ILLINOIS.—CONTINUED.

ESTABLISHED 1856.

ST. LOUIS MILLING CO.,
CARLINVILLE, ILL., U. S. A.

FINE WINTER WHEAT FLOUR.

Registered Brands { **ANITA,
WHITE SILK,
PRINCESS ANNE,
PURITY.**

FINEST HARD WHEAT PATENT

Searchlight.

We also Manufacture **HIGH GRADE CORN**
 **GOODS** of All Kinds.

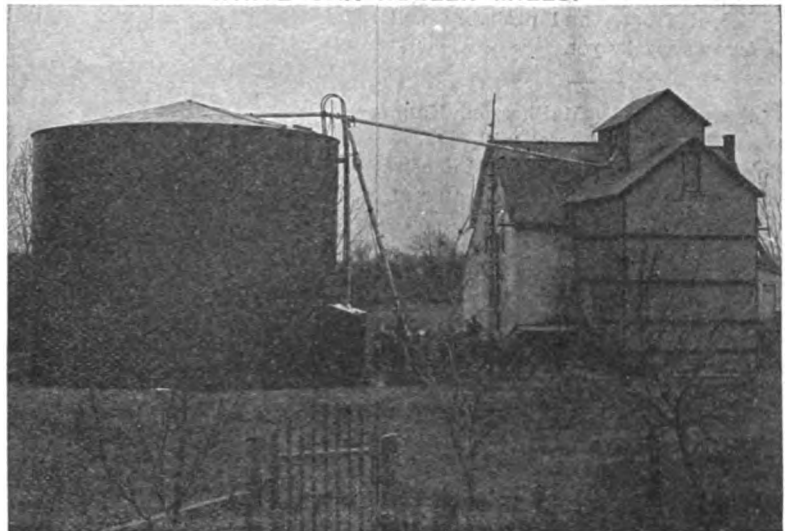
**Fire Proof Grain
Storage**

Investigate our patent pneumatic
system for storing grain.

Particulars and Prices
Sent on Application...

**STEEL STORAGE
AND ELEVATOR
CONSTRUCTION CO.**

*Guaranty
Building,
Buffalo, N. Y.*

WHITE OAK ROLLER MILLS.


15,000 Bushel Steel Tank with Pneumatic Conveying System built for
Ernest Meyers, Oak, Neb.

breaking of one of the beams, and its falling upon another part of the machinery.

E. B. Stevens, formerly a St. Louis grain merchant, but now in the grain and elevator business at Decatur, Ill., was in the city this week negotiating for the purchase of wheat.

A number of Chicago grain men were here this week. A majority of them expressed bullish sentiments on wheat, but they failed to convert many of the St. Louis bears, who, believing the winter wheat plant has not been damaged, look for lower prices.

On last Saturday the Tebo mills, at Clinton, Mo., which have been idle for the past two years, were sold by J. W. Harrelson, of Kansas City, to Mar-

cus Bernheimer, of St. Louis. J. H. Kracke, of St. Louis, will be associated with Mr. Bernheimer in the management and operation of the mills. Mr. Kracke also owns a 400-barrel corn mill and elevator at Clinton. The Tebo mills will be completely remodeled, and their capacity increased to 700 barrels daily in time to begin operations on the new crop.

P. B. Syders has accepted a position as traveling salesman for the Great Western Manufacturing Co., Leavenworth, Kas., and will represent that company in the territory west of the home office. Mr. Syders is well known to the trade in the west, having traveled in this section for many years. He has been connected with the Nor-

dyke & Marmon Co., the Richmond Manufacturing Co., the Harmon-Whitmore Co., and more recently with the Prinz & Rau Manufacturing Co.

John E. Mitchell of the Knickerbocker Co. returned this week from a visit to the factory of the company at Jackson, Mich. He says an order has just been received from the Joseph Wagner Manufacturing Co. of San Francisco for a car load, consisting of 60 Mitchell scrolls. This will make over 100 of the scrolls to be shipped to the coast within 60 days. Mr. Mitchell also reports a few of the scrolls are being shipped to Mexico and that one has been sent to China. The demand for these machines, Mr. Mitchell says, is increasing in all sections.

KANSAS CITY AND THE SOUTHWEST

KANSAS CITY, MO., March 3.—(By telegraph.)—There is nothing new or interesting to be said concerning the flour market this week, and prices are practically where they were last week. This condition is due to the stability of the wheat market and the fair inquiry both for cash wheat and domestic flour trade. Quotations for the week are about as follows: Soft wheat, per barrel, patents, \$3.40@3.60; straights, \$3.20@3.40; extra fancy, \$2.80@3; low grades, \$1.40@1.50; hard wheat patents, \$3.10@3.20; straights, \$2.75@2.95; bakers', \$1.95@2.15; low grades, \$1.30@1.35; established brands and city mills, 30@50c higher. Cornmeal, bulk, 66@67c; corn chop, draggy, 60@61c; bran active and in better demand at 63@64c sacked; castor beans, 96c per bushel; kaffir corn, red, 33@34c. Crop conditions in the southwest as yet show no signs of damage from the recent freeze, and probably will not for two weeks yet.

Colburn Bros., McPherson, Kan., are erecting a 200-barrel mill.

Schooler Bros., Grant City, Mo., contemplate building a small elevator at that point soon.

The Empire Elevator Co., of Kansas City, is making some improvements in its machinery.

J. P. Sterling, representing Prinz & Rau Manufacturing Co., reports a good inquiry for that line.

E. A. Ordway, of Kansas City, will start in a day or two on a trip throughout the West.

The demand for bran is exceedingly strong in Kansas. At points in Kansas it is worth more than at Kansas City.

Robert Atkinson, secretary of the Kansas Millers' Fire Insurance Co., Ottawa, was in Kansas City this week, and reports a good business.

The Rock Island Elevator is making some improvements and adding new machinery. This elevator is now operated by Chas. Counselman & Co.

J. N. Heater, of the S. Howes Co., is on an extended trip throughout the West, and writes that the outlook is very good for their class of goods.

It is reported that one of the mills at Sterling, Kan., contemplates large improvements at an early date and that it will also build a new elevator.

W. O. Everett, of the Wolf Manufacturing Co., was in Kansas City this week, and reports many inquiries for machinery for mills and elevators.

G. L. Brinkman, of the Kansas City Mill Co., is at present in the South, pushing the sale of their flour. He expects to be absent several days yet.

J. P. Baden, Winfield, Kan., has decided to increase the capacity of his mill. It will be enlarged so as to turn out 1000 barrels of flour per day.

The Oklahoma Grain Co., Ponca City, O. T., has let the contract for a new mill to be erected as soon as possible. It will be of 200 barrels' capacity.

The Kansas Grain Co., of Hutchinson, Kan., is improving its elevator.

J. A. Brubaker, of Kansas City, this week received several cars of wheat from Wyoming.

J. P. Harrison, representing E. P. Allis Co., Milwaukee, was in Kansas City this week, and reports a number of contracts, and a great deal of work in sight.

W. H. Johnstone, representing the Nordyke & Marmon Co., was in Kansas City two or three days this week, and reports a good inquiry throughout the West.

O. A. Cooper, of Humboldt, Neb., states that wheat is not injured in that vicinity, and if nothing happens to the wheat the crop will be the biggest ever raised in Nebraska.

All the mills are complaining seriously of the poor demand for export flour the past two or three weeks, but it is hoped that the inquiry will be better at an early date.

By a vote of 98 to 28 the Kansas City Board of Trade adopted resolutions this week prohibiting any of its members from being members of any other organization of grain men.

Frank Kaucher, the elevator architect and contractor, of St. Joseph, was in Kansas City this week on business, and reports considerable inquiry in his line.

E. D. Lysle of Kelley & Lysle Milling Co., Leavenworth, Kan., sailed from New York last Wednesday. Mr. Lysle will visit Great Britain and the Continent in the interest of their mill.

R. P. Morrison Grain Co., Kansas City, which operates a number of stations on the Union Pacific Railroad, report receipts very light, but they believe they will increase at an early date.

S. A. Mapes, of the Lamar Mill and Elevator Co., Lamar, Mo., was in Kansas City this week looking after some business in connection with their mill. Mr. Mapes reports the outlook for wheat very good.

E. T. Kruse, proprietor of the Geary mill, Geary, O. T., has awarded a contract for the erection of a new mill at

that point. It will be built by the Great Western Manufacturing Co., Leavenworth, Kan.

H. R. Stout, draughtsman with the Great Western Manufacturing Co., Leavenworth, Kan., has resigned his position and has associated himself with the Kansas Millers' Fire Insurance Co., at Ottawa, Kan.

The contract has been awarded for the Great Western elevator, which will be erected at Kansas City, and will be owned by John Kelley. It will have a capacity of about 300,000 bushels, and will be modern in every respect.

As practically all flour, millstuffs and grain is billed S. O. "Notify," it is generally supposed that this is to guarantee safety and that the road issuing bill of lading in this way is responsible for all goods so shipped until the bill of lading is presented; but it appears from a supreme court ruling that this is not the case. C. Hoffman & Son., of Enterprise, Kan., brought suit against the Union Pacific Railroad on account of a car of flour being shipped to a point in Texas, where the connecting line of road delivered this flour without bill of lading, and parties receiving same refused to pay for it. The supreme court decided that this flour being delivered by the connecting line, the responsibility of the Union Pacific Railroad ceased at the time delivery was made to the connecting line. This decision places the country grain dealer at a disadvantage and he should know before selling grain or consigning same that the parties to whom he is selling his grain are responsible.

Kellogg & Duer, Missouri Valley, Ia., have let the contract for a new 100-barrel mill to be erected immediately.

E. W. Shields, of the Simonds Grain Co., fell last Saturday and broke his arm. Mr. Shields has had three or four accidents in the past few years.

Several of the leading mill and elevator machinery firms who have not been represented in the West are seriously contemplating opening offices in Kansas City, as their trade in the West is very brisk, and considerable business is being done.

The undertone on white corn in the Kansas City market for milling purposes is very strong. A great many inquiries are coming in for good white corn for future shipment. The white corn this season is not grading No. 2 in many cases; in fact, there is more of it grading No. 3 and lower than was ever before known in this market.

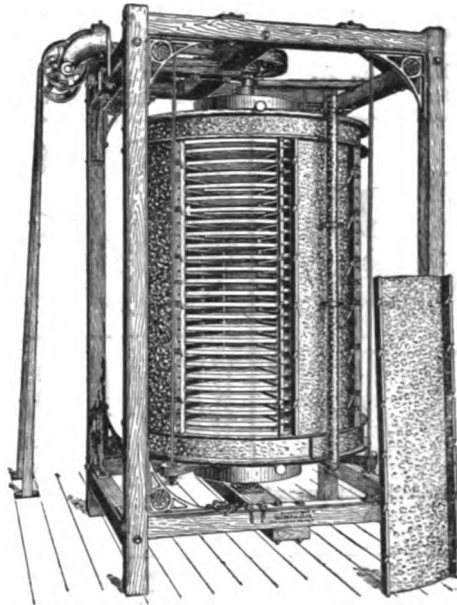
The Sherman Wilfrey Cereal Co. has

THE UNIVERSAL BOLTER

Compact



Light Running



Efficient



Profitable

A
Practical
Endorse-
ment

SEVERAL months ago the **Universal Bolter** system was placed in operation in the mill of the Milan Milling & Mfg. Co., Milan, Tenn., in which Mr. J. J. Fuqua is the principal owner.

After practical and thorough tests in every-day service, fully convinced of the value of this improvement, Mr. Fuqua has placed his order for **Universal Bolters** for each of the other mills in which he is interested, viz: Fuqua & Hillsman, Trezevant, Tenn., and Fuqua, Hillsman & Co., McKenzie, Tenn.

"The proof of the pudding is in the eating," and no written testimonial is needed to express Mr. Fuqua's opinion.

No machine that pays its way is expensive, and none will pay so well as the **UNIVERSAL**.

WRITE US FOR FULL INFORMATION.



FEEDING MILLS OF MISSOURI

E. O. STANARD MILLING CO.,

Cable Address,
"STANARD"
St. Louis.

--- MANUFACTURERS OF ---

Red Winter and Kansas Hard Wheat Flours.

Daily Capacity, 5,000 Barrels.

Wheat Elevator Capacity, 600,000 Bushels.

General Offices, ST. LOUIS, MO., U. S. A.

Member of the Winter Wheat Millers' League.

Our "RELIABLE" brand of Kansas Hard Wheat Patent Flour was awarded first premium by the great St. Louis Fair Association, October, 1898, in competition with the best Minneapolis flours.

"RELIABLE" is the greatest bread producer on the market. Write for samples and prices.



CARTER, SHEPHERD & Co.
Proprietors

EAGLE MILLS, HANNIBAL, MO.

Superior Grades of

Winter Wheat Flour.

Capacity, 500 barrels daily.

HANNIBAL MILLING CO.

Manufacturers of High Grades of

WINTER WHEAT FLOUR

—For both Domestic and Export Trade.—

Correspondence Solicited.

HANNIBAL, MO.

R. T. DAVIS MILL & MFG. CO.,

ST. JOSEPH, MO., U. S. A.

Located in the Center of the Missouri and Kansas Hard and Soft Wheat Section. This is the finest and most modern Mill west of the Mississippi River.

DAILY CAPACITY, 1,000 BARRELS.

Foreign Office: 39 SEETHING LANE, LONDON, E. C.
A. F. LANGDON, Mgr. ENGLAND.

INTER-STATE MILLS,

ARMS & KIDDER, Proprietors.

KANSAS CITY, MO., U. S. A.



We Manufacture Choicest
grades of Hard and Soft
KANSAS FLOUR.

JOHN F. MEYER & SONS,
SPRINGFIELD, MO.

High Grade Flour,

Soft Wheat, BRANDS. Hard Wheat,
"ALBATROSS" "PREMIER"

General Office, 123 Laclede Building,
ST. LOUIS, MO., U. S. A.

The Union Milling Co.

CAPE GIRARDEAU, MO.,

Manufacturers of **HIGH GRADE FLOUR.**

Write for our prices.



Cowgill & Hill
MILLING CO.

CARTHAGE, MO., U. S. A.

Millers and Exporters of
Winter Wheat Flour.

Foreign and Domestic
Correspondence Solicited.

Capacity, 400 Bbls. Daily

The Higginsville
Milling Co. . . .

HIGGINSVILLE, MO.

High Grade
Winter Wheat **Flours**
Domestic and Export Trade.



MEYER & BULTE,
PROPRIETORS OF

WHITE SWAN MILLS.

Manufacturers of

Hard and Soft Wheat Flour

CLINTON, MO.



DAVID B. KIRK & Co.,

KANSAS CITY, MO., U. S. A.

Flour Exporters AND DEALERS IN Kansas Hard Wheat Flour.

OUTPUT 1500 BAGS PER DAY.

LEADING MILLS OF MISSOURI.—CONTINUED.

Daily Capacity,
Flour, 1,000 Bbls.,
Corn Products, 600 Bbls.

Mills at SPRINGFIELD, REPUBLIC
and EXETER, MO.

R. C. STONE MILLING CO.,

Also dealers in and
shippers of all
kinds of

GRAIN, FLOUR AND FEED.

...MANUFACTURERS OF...

Pure High Grade Hard and Soft Wheat
Flours and Fine Corn Mill Products.

SPRINGFIELD, MO., U. S. A.

Established 1874.

Refer to Any Bank in Kansas City.

TALPEY BROS. & CO.

RECEIVERS AND SHIPPERS OF

GRAIN

307-308 Board of Trade, KANSAS CITY, MO.

Mills supplied with Wheat direct from Country Stations
and will settle on weights at the mill.

S. W. COBB.

WM. A. GARDNER.

S. W. COBB & CO.,

COMMISSION MERCHANTS,

Grain, Provisions, Stocks and Cotton.

317-319 Chamber of Commerce, ST. LOUIS, MO.

Orders executed in Grain, Provisions and Stocks, Private Wire to
Chicago, New York, Boston and Kansas City.

Annan, Burg & Smith,



Commission
Merchants,

**FLOUR, GRAIN
AND FEED.**

..... St. Louis, Mo.

J. W. MOORE, Pres't.

A. McKENZIE, Treas.

P. F. CARY, Sec'y.

Moore Grain & Elevator Co.

GRAIN MERCHANTS.

We make a specialty of filling mill orders direct from country shippers

Proprietors

303-4 Exchange Bldg.,

MISSOURI ELEVATOR.

KANSAS CITY, MO.

CORNELIUS MILL FURNISHING CO.
MILL BUILDERS
CORRUGATING
AND GRINDING ROLLS A SPECIALTY
OFFICE & WORKS
1119-21 N. SIXTH ST. ST. LOUIS MO
BOILING CLOTHS
Made up on
Short Notice
EVERY CLOTH
GUARANTEED
MODERN MILLER

decided to open in Kansas City at once a cereal mill for the purpose of manufacturing all classes of cereal products. The building is 60x80 feet, three stories, and equipped with 150 horse power engine and boiler. The company is incorporated for \$20,000 and will erect at once, in addition to the present plant, a large warehouse and elevator.

A bill was presented before the Senate of Kansas this week prohibiting the combination of companies and persons by which the shippers of seeds, grain or hay are defrauded out of any portion of the net weight of the consignment. Some seem to think it is a direct blow at the Kansas Grain Dealers' Association in their struggle against what is termed "scoop-shovel buyers."

PHILIP E. BURROUGH.

ATLANTA.

ATLANTA, Ga., March 3.—By telegraph from Geo. W. Brooke, flour, grain and feedstuff merchant.)—Quotations are: Winter wheat patent, \$4;

extra fancy, \$3.70; spring wheat patent, \$4; white corn, 46c. Demand fair.

MOBILE.

MOBILE, ALA., March 3.—(By telegraph.)—Business for the past week has been very satisfactory. Demand for all classes of breadstuff good, with ruling prices: High patent, \$4; standard patent, \$3.80; straight, \$3.40. Receipts for February, 12,825 barrels, 21,370 sacks, the latter mainly for export. Bran is scarce and in good demand at \$14.80@15. February receipts of bran were 7,298 sacks. Bulk white corn, 40½c; yellow, 41c. Receipts, 618 cars of corn and 375 cars of wheat for February. Grits, \$2.35; pearl meal, \$2.05; white oats, heavy clipped, 35½c; No. 2 white oats, 34½c; No. 3 white oats, 34¼c. The steamer Sylvia cleared yesterday for Havana with a fair cargo and 30 passengers.

ROME.

ROME, Ga., March 3.—(By telegraph from H. D. Cothran & Co., flour, grain

and feedstuff merchants.)—The flour market is good this week, with much better demand. With improved weather we expect a largely increased trade. Winter wheat patent, \$4.02; straight, \$3.72; white corn, sacked, 49c.

MEMPHIS.

MEMPHIS, Tenn., March 3.—(By telegraph from E. C. Buchanan & Co., flour, grain and feedstuff merchants.)—There has been some little improvement in the demand for flour this week, and prices are irregular, as the offerings have been pretty free from millers. Patents, \$3.60@3.85; bakers, \$3.15@3.40; one Western mill offering it to-day at \$3.15. White corn, 36½c; mixed, 35@36c; white oats, 31½@32c; mixed oats, 30@30½c; corn meal, \$1.60; wheat bran, \$12.75@13. No receipts of wheat. Mills here not running. The demand for corn is very light, while the demand for oats is improving some. No receipts of river corn this week. Stocks—Flour, 30,000 barrels; corn, 35,000 bushels; oats, 75,000

bushels. The demand for grain and feed stuffs has been only fair, while the grocers are having considerable improvement in trade. It is most too early to tell anything definite about the condition of the growing wheat in West Tennessee, but the cold weather undoubtedly did some damage.

NASHVILLE AND SOUTHEAST.

NASHVILLE, TENN., March 3.—The flour market has not shown much snap this week. Millers have tried to maintain prices on a basis of \$3.95 for patent, but the result has been very unsatisfactory and little business has been done. Reports are rife from the south that prices there are being cut, mills evidently being willing to make concessions on small lots rather than accumulate large stocks. Quotations are: Patent, \$3.95; straight, \$3.65; extra fancy, \$3.55; fancy, \$3.15; choice, \$2.65.

Wheat is probably higher at Nashville than at any other competing milling center, averaging 81c this week, and it is hard to get at this price. Receipts of wagon and local wheat are practically nil and car receipts are not liberal.

Reports from farmers as to damage done are still indefinite. In some sections farmers report damage almost total, while in others the percentage runs anywhere from 10 to 50. Conservative estimates place the damage of the state at less than 25 per cent to the late sown wheat, which includes a large part of the crop.

Bran is active but the mills have very little to offer, as not one is running to its full capacity. Bran is quoted at \$13.50 per ton. There are some speculative lots of bran but these have not been thrown upon the market.

Corn receipts are light but are in sufficient quantities to meet the demand of mills. Good milling corn is quoted at 39½¢@40c.

Meal is in fair demand at 86c for bolted and 95c for pearl. Grits are quoted at \$2.10 per barrel.

The Cumberland mills, Nashville, have issued the following circular notice: "Nashville, Tenn., February,

1899.—With pleasure we inform our friends that we have opened a depot at No. 308 Broad street, north side, between College and Cherry streets, where a full supply of our flour, meal, grits, bran and mill feed will be on sale. It will be our pride to supply at a moment's notice our former customers as well as the new ones who favor us with their trade with goods that are absolutely pure and which are guaranteed to be equal if not superior to any on the market. The office telephone number is 1698, and our business store will be in charge of Mr. John J. McCann, the veteran miller and tradesman, and Mr. Thomas M. Steger, Jr., son of one of the ablest lawyers in the south. Our patrons will find these gentlemen polite and affable and ready at all times to wait on them and see that they are properly cared for. To our wheat growers we desire to say that they now have a place where they can sell their wheat direct to the mill and where their teams will not be frightened by passing locomotives and trains. Jobbers will find a long felt want supplied by us. They can send their teams to our store on the way to the depot, getting just what they want, thus avoiding interest, insurance, storage and hauling on stock. Respectfully soliciting the patronage of the trade in the purchase of mill products and the disposition and sale of grain, and guaranteeing satisfaction in every sense which the term implies, we beg everybody to call and see us at our new store, No. 308 Broad street; telephone 1698. E. P. Bronson, vice-president and general manager."

G. T. HALLEY.

CHARLESTON.

CHARLESTON, S. C., March 3.—(By telegraph from F. W. Wagener & Co., flour, grain and feedstuff merchants.)—The flour market is quiet this week, with light demand except for bakers. Quote: Tennessee patents, \$4; straight, \$3.60; spring wheat patents, \$4.20; bakers' patent, \$4.20.

SAVANNAH.

SAVANNAH, Ga., March 3.—(By telegraph from M. Ferst's Sons & Co., flour, grain and feedstuff merchants.)—Flour trade this week has been fair, with fair demand. Ruling prices are: Winter wheat patents, \$4; fancy, \$3.85; straights, \$3.60; spring wheat patents, \$4.35; bakers, \$4; low grade, \$3.55.

SOUTHERN GRAIN SHIPPERS.

A meeting of leading grain shippers interested in the southern trade will be held in Louisville, Ky., to-day (March 4), for the purpose of considering abuses now existing, relating to inspection, drafts, etc., and of organizing an association through which it is hoped to accomplish needed reforms. A number of prominent grain shippers are taking an interest in the matter and important results are likely to follow the action taken at the Louisville meeting.

REVIEW OF THE GRAIN MARKET

St. Louis, March 3.—The range of grain values at the markets below mentioned for the week beginning Feb. 24, and ending March 3, inclusive, was at the close on dates mentioned:

	Feb. 24.	March 3.
St. Louis, May wheat	76½-¾	75½-¾
St. Louis, May corn	84½	84½-¾
St. Louis, May oats	28½	28½
Chicago, May wheat	78½-¾	78
Chicago, May corn	86½	86½-¾
Chicago, May oats	88	88½
New York, May wheat	78½	77½
New York, May corn	40½	41½
New York, May oats	86½	86½
Kan. City, No. 1 hd wh	66½	66-65½
Kan. City, No. 1 red	74	75
Kan. City, No. 1 corn	82½	82½
Kan. City, No. 2 oats	27	28
Bran	62	63
Rye	56	55

Wheat has been a dull, draggy affair all week, and the lack of speculation is, of course, the main factor in the sluggish movement of quotations. The great American public is now engaged in playing Wall Street stocks and securities, and has such a great liking for the form of investment that grains are being sadly neglected. Again, there does not seem to be any immediate possibility of the public quitting the stock market just at present for the reason that it presents such a broad field and so many different phases. What a trader wants generally is "action," and to say the least there is very little of that commodity available in the wheat pit. When the trading public gets good and tired of gambling in Wall street, grains will undoubtedly come in for a good share of attention. Even now the cause given for the steadiness is the buying for certain houses with prominent financial connections at New York. The market is certainly showing a considerable amount of firmness in spite of

BENJ. F. HORN FLOUR BARREL **Staves, Hoops**
DEALER IN COOPERS' TOOLS. **AND Headings,**
 Office, Shops and Warehouse, East St. Louis, Illinois.
 ST. LOUIS, MO., 312½ CHESTNUT STREET. **THE ST. LOUIS BARREL HEATER.**

LEADING MILLS OF TENNESSEE AND KENTUCKY

CABLE ADDRESS:
"SAX" NASHVILLE.

MODEL MILL CO.
NASHVILLE, TENN., U.S.A. MANUFACTURERS OF
PURE WINTER WHEAT FLOUR
FOR EXPORT AND DOMESTIC TRADE.

W. LITTERER, PRES.
W. C. MYERS, SEC. & TREAS.

CORRESPONDENCE INVITED.



Capacity, 600 Bbls. Daily.
SHELBY MILLS,
Flour, Corn Meal and Feedstuffs,
G. T. MAYS CO.,
MEMPHIS, TENN.

R. P. BRONSON, Vice-Prest. & Gen'l Mgr.

CAPITAL \$400,000.

W. T. CARTWRIGHT, Sec'y & Treas.

CUMBERLAND MILLS,
NASHVILLE, TENN.
High Grade Winter Wheat Flour.

Also Bolted and Unbolted Corn Meal, Pearl Meal, Grits, Etc. Correspondence solicited. . . .

Highest Prices paid for Wheat and Corn.

DAILY CAPACITY, { FLOUR, 2500 BARRELS.
MEAL, GRITS, ETC., 4000 BUSHELS.

DAILY CAPACITY 2000 BARRELS.

EXPORT BRANDS:
LEONTE
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NASHVILLE, TENN.
PREMIER MILL OF AMERICA

AGENTS, ROSS, F. SMYTH AND CO.,
For LIVERPOOL & LONDON

EMMETT, PRES. E. ANDREWS, SECY.

FLOUR MADE FROM THE CELEBRATED TENNESSEE WINTER WHEAT.



Capacity, 1,000 Bbls. Daily. Capacity, 1,500 Bbls. Daily.

The Mississippi Mills AND The Georgia Mills,
High Grade Winter Wheat Flour. The Best Corn Plant in the South.

CANNON & YATES, Proprietors,
MEMPHIS, TENN.

CORRESPONDENCE SOLICITED—DOMESTIC OR FOREIGN.

Cheap Water Power

IN SEATTLE AND TACOMA
ON PUGET SOUND.

Address, Snoqualmie Falls Power Co.,

SEATTLE, WASH.

IF YOU WANT
FLOUR OR FEED
WRITE TO

LEXINGTON ROLLER MILLS CO.,

LEXINGTON, KY., U. S. A.

CAPACITY, 600 BBLs.

FOREIGN AND DOMESTIC CORRESPONDENCE SOLICITED.

Our patent is stand-
ard for Ky.
Our feed is the leader
in the Boston market.

MILES & SON, Pure Winter Wheat Flour.

FRANKFORT, KY., U. S. A.

Foreign and Domestic Correspondence Solicited.

Mixed Feed in 100-lb. Sacks.

Riverside and Robinson Codes used.

Member of the Winter Wheat Millers' League.

Cable Address,
"Miles."

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—TO—
HAVANA, CUBA.

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To Colon, Bocas del Toro, R. C. & Port
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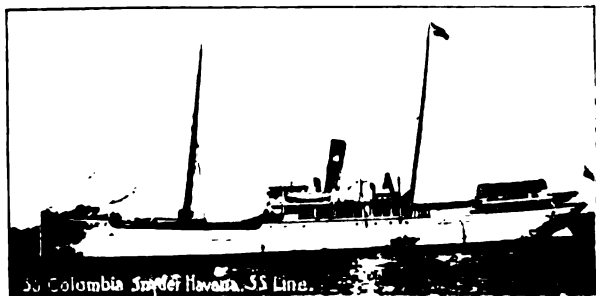
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OR
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Manager.

**RECEIPTS AND SHIPMENTS OF WHEAT AND FLOUR BEGINNING SATURDAY, FEB. 25, ENDING FRIDAY
MARCH 3, INCLUSIVE.**

FLOUR.					WHEAT.				
	RECEIPTS.		SHIPMENTS.			RECEIPTS.		SHIPMENTS.	
	This Week.	Last Week.	This Week.	Last Week.		This Week.	Last Week.	This Week.	Last Week.
St. Louis.....	27,545	80,030	84,666	82,577	St. Louis.....	63,204	104,292	90,650	142,250
Chicago.....	108,853	108,967	94,520	68,119	Chicago.....	867,680	859,480	122,477	97,406
Toledo.....					Toledo.....	180,869	91,695	170,000	94,600
Detroit.....	6,650	3,600	3,700	3,200	Detroit.....	54,908	44,510	49,698	20,671
Kansas City.....					Kansas City.....	471,800	526,200	868,900	297,900
Milwaukee.....	19,800	26,100	57,256	42,960	Milwaukee.....	193,910	151,200	47,355	23,300
Minneapolis.....			213,466	173,134	Minneapolis.....	1,160,890	1,417,790	206,489	182,960
Duluth.....					Duluth.....	799,671	792,708	51,147	17,313
New York.....	98,679	103,664	120,262	94,751	New York.....	546,400	216,400	565,666	705,232
Baltimore.....	67,517	44,586	93,364	37,092	Baltimore.....	61,707	49,835	200,261	260,000
Philadelphia.....	58,092	17,747	108,919	10,140	Philadelphia.....	93,294	25,139	163,948	105,915
Boston.....	45,453	15,915	27,550	33,639	Boston.....	83,108	65,240	290,454	271,580
San Francisco.....	22,000	35,000	24,000	13,000					
Total.....	454,089	885,607	777,704	508,662	TOTAL.....	4,696,816	3,643,100	2,318,946	2,219,137

the fine weather now prevailing in the West, and the further fact that damage reports are not numerous enough to cut much ice in price making. There is certainly a reason for the steadiness of the market with the small amount of business being done, and the May article around 73c has held that territory for the last ten days. A crop scare in the Southwest is, of course, among the possibilities, but nothing of a genuine character can be known until near the first of April. In the meantime, exporters assert that within 1c of where the future deliveries are now quoted, the foreigner is going to come in the market and take liberal amounts of American wheat; in fact, a better business of this kind has been accomplished this week than for a long while back, giving rise to the impression that with so many resting orders so near present basis that it will not be surprising to see a fine business reported. The Argentine is not disappointing the element that has been looking for news from that source to depress prices. Argentine shipments are not of such magnitude as to scare anybody on this side so far, and besides, a great deal of the cut wheat in the Southern Hemisphere, laying in shock in the field, has been reported damaged by incessant rains. With a little patience and the exercise of fortitude, the buyer may have a chance yet before the first of May.

Corn developed a surprising lot of strength this week and rather sur-

prised even its friends, who were not anticipating such a radical recovery in the May from 35¼c to 37¼c. Several of the large operators who sold out their corn on the last break were apparently inclined to take it back and buy more than they sold at the same time. In looking around for a reason to explain this, the most potent one is the increased consumption of corn during the winter, which is the largest known in a number of years, and consequently the magnitude of the crop has and is losing a good many of its terrors for the average trader, and some of them for this reason are taking on fresh lines on the declines. One more reason for strength is the sudden dropping off of receipts from the country and the tenacity with which the Interior is holding on to its corn. Foreigners are taking fair quantities, and the foreign quotations can all be called firm. There is no radical reason on the surface to warrant much of a decline in corn at present.

In oats the trading is very dull speculatively, and in every other direction. There is no interest taken in the deal other than by a few local professionals, who merely follow the slight changes in the corn, and on which they base their calculations in the oats market. The receipts were heavy early in the week, but have since let down, and the market as a consequence is holding quite steady at former prices for the future deliveries. The cash demand is not so active as it was, and prices for certain samples

are ¼c lower than last week. The visible supply of oats for the week increased 693,000 bushels, and the total is now gradually increasing, and amounts to 9,359,000 bushels, with a good prospect for another addition on Monday next. There is very little encouragement for activity in the market, unless something should strike corn, in which case oats would, of course, erect a lightning rod immediately. Exporters are taking moderate amounts daily.

There is still only a moderate trade in rye, due, as a matter of fact, to the light receipts. At some points there is nothing on which to base a market, owing to this kind of scarcity. Prices at the seaboard and at Chicago are about the same as a week ago. Exporters take rye whenever they can get it, which is evidenced by the moderate clearances. Stocks are not increasing, and the outlook, as a whole, is favorable for the maintenance of the present standard.

Flaxseed had one or two gyrations in price this week, being up and down a scale of 2@2¼c a bushel several times, and finally winding up the week rather firm, but at no particular enhancement in value. Receipts are light, but in the Northwest, Minneapolis and Duluth appear to be getting some flax, so much so that stocks there are increasing slightly. The demand for cake and the business of the linseed people is quite satisfactory at this, the opening of the spring season.

JOSEPH B. BRACKEN.

H. N. SAYLOR COOPERAGE CO.,

STAVES, HEADINGS, HOOPS AND COOPERAGE SUPPLIES.

107-109 S. Sixteenth Street, ST. LOUIS, MO.

SHAVED HOOPS A SPECIALTY.

THE SAYLOR BARREL HEATER IS THE BEST.

LEADING MILLS OF INDIANA



Blish Milling Co.,

مills of

Indiana Soft Red Wheat,



SEYMOUR, IND., U. S. A.

Specially Equipped for the Exportation of
WINTER WHEAT FLOUR.

DAILY OUTPUT, 1,500
TEN-STONE BAGS...

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PROPRIETORS
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CABLE ADDRESS:
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JOHN BULL: I say
Sam, this prosperity's
great! How do you
make it?

UNCLE SAM: Oh
easy! Americans use
Kauffman's Nutritious
High Quality Flours.
It makes them "Healthy
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perity just rains down
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Lawrenceburg Roller Mills Company,

Capacity, 1,500 Barrels.

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**WITH FLOURINE,
CORN STARCH,
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Proteids, Carbohydrates and Gluten tests
a specialty. Examinations of all kinds.

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WRITE US FOR RATES.

HE WHO WOULD RISE
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New Richmond
"Triple"
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of making good flour lays in thoroughly cleaning the wheat. We have manufactured cleaners for a good many years and it has always been our aim to always be ahead in every new device for cleaning wheat. Our "Triple" Scourer is our latest machine. It does the work of three machines. It is simple in its new devices and is adjustable while running. You can scour the wheat just as long or short as you like, and you can treat it harshly or tenderly, just as you wish. Our circular tells all about it. Write. |

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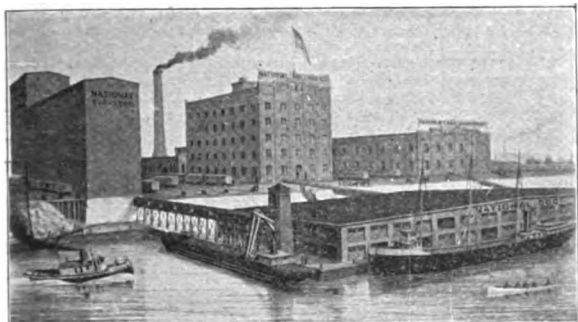
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NATIONAL MILLING COMPANY.

Daily Capacity, 3000 Barrels.

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The SHELBY MILL CO.,

Shelby, Ohio, U. S. A.

Member of the Winter Wheat Millers' League.

Has for 20 Years Made the Best Flour Manufactured in Ohio

And is still at it.

1000 Barrels Daily.

The Orrville Milling Co.,

MANUFACTURERS OF ..

WINTER WHEAT FLOUR, ...

Capacity 800 Bbls.

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MILL COGS.

Rock Maple Cogs on shortest possible notice. We make Cogs with blank head to be spaced and dressed after being driven, but make a Specialty of Ready Dressed Cogs, which are ready to run moment driven and keyed. Send for Circular M.

THE N. P. BOWSER CO.,

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STRICTLY PURE Winter Wheat Flour

Capacity, 1500 Bbls. Daily.

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MILLS ONLY.

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RELIABLE INSURANCE AT ACTUAL COST.

Insures only flour mills and contents. Write for "Our Plan."

OUR 16TH YEAR.

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OF CANTON, OHIO.

INSURES ONLY Flouring Mills, Grain Elevators, Warehouses. ...

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MUTUAL FIRE INSURANCE CO.,
LANSING, MICH.

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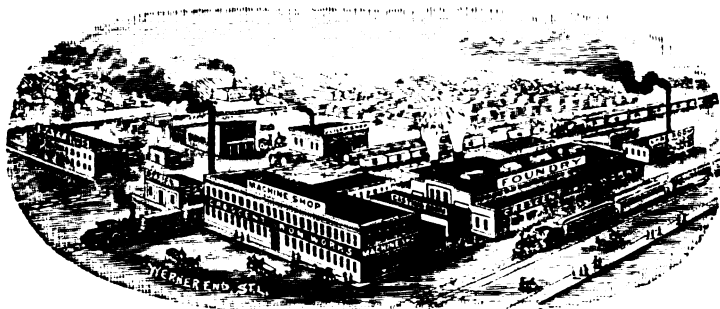
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THE oldest Flour Mill Mutual in the United States. It has saved to policy holders 48 1/2 per cent. from the rates charged by Old Line Companies.

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CRESCENT IRON WORKS, ... SPRINGFIELD, MO. ...



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AGENTS,

THE EDW. P. ALLIS CO.,
UNIVERSAL BOLTER, ROLLS, Etc.SATISFACTION GUARANTEED,
Roll Grinding and Corrugating a Specialty.

MISSOURI CLIMATE AND CROP BULLETIN FOR FEBRUARY.

The United States department of agriculture special climate and crop bulletin of the weather bureau, Missouri section, for February says:

The month of February, 1899, will long be remembered as one of the coldest in the history of Missouri, the first two weeks of the month averaging about 25 degrees colder than the normal throughout the entire state, while minimum temperatures of from 15 to 30 degrees below zero occurred in all sections on the 12th and 13th. At Kansas City, Springfield, Columbia and St. Louis and at Cairo, Ill., the lowest temperatures were from 3 to 12 degrees below any previously recorded in February. At Keokuk, Ia., the lowest temperature of the month was 21 degrees below zero on the 9th, which is 1 degree higher than was recorded on February 8, 1895. Up to the 24th there was decidedly less than the normal amount of precipitation, but a general rain occurred on the 25th and over a considerable portion of the state the fall exceeded 1 inch.

In most of the eastern, central, southeastern and south central counties winter wheat was well protected by snow during the severe cold weather and was not seriously injured, except in localities where some of the late sown was killed, but reports from the northern and western sections are very conflicting. Some correspondents state that the crop is not materially injured, while others report that it has been damaged one-half or more. In most counties of those sections it had little or no protection and much of it has no doubt been considerably injured.

MISSOURI CROP REPORT.

Secretary J. E. Rippey of the Missouri State Board of Agriculture says in his crop report issued February 28:

Wheat acreage seeded in the fall of 1898 shows an increase over the previous season of 7 per cent, giving an acreage for the state of 1,106,000 acres. The present condition is placed at 74 per cent of an average crop.

The protection afforded by a covering of snow was generally very light and in some localities during the lower temperature there was practically none.

East Bound Freight Rates.

Freight rates quoted to-day on flour per 100 pounds from East St. Louis and common points to points named (alongside of vessel at ports named), in car load of not less than 24,000 pounds, are:

To	All Rail.
Boston	25
Boston—export	23
New York	23
Philadelphia	21
Reading	21
Harrisburg	20
Wilkesbarre	21
Lancaster	21
Mauch Chunk	21
Scranton	21
Buffalo	15½
Baltimore	20
Albany	22
Troy	22
Schenectady	22
Utica	21
Hornellsville	19
Newport News	23
Syracuse	19½
Rochester	17½
Detroit	11
Pittsburg	15½
Salamanca	15½
Providence	20
Binghamton	21
Cleveland	18

Ocean Freight Rates.

Below are quoted Ocean freight rates in cents, per 100 pounds, for this week, on flour to and from the ports mentioned:

To	From	In Cents per 100 lbs.
Aberdeen	Baltimore	19.69
Aberdeen	New York	21.09
Amsterdam	New York	13.
Antwerp	New York	14.06
Belfast	Baltimore	13.
Bristol	New York	11.25
Bremen	New York	20.
Bremen	Baltimore	18.
Cork	Baltimore	21.88
Christiana	New York	23.
Copenhagen	New York	23½
Dublin	Baltimore	13.
Dundee	Baltimore	19.69
Dundee	New York	16.88
Genoa	New York	22.50
Glasgow	New York	10.13
Hamburg	New York	16.
Hamburg	Baltimore	15.
Havre	New York	18.
Hull	New York	16.88
Leith	Baltimore	14.06
Leith	New York	12.66
Liverpool	Boston	5.62
Liverpool	New York	5.62
London	New York	11.25
London	Boston	10.18
London	Philadelphia	11.25
London	Baltimore	12.66
Manchester	New York	11.25
Newcastle	New York	16.88
Rotterdam	New York	13.
Stettin	New York	23½

When Ocean freight is prepaid, \$4.86 United States gold is equal to £1.

Antwerp Grain and Feedstuffs Agent.

THEODOR VON WERNICH,
GRAIN and
FEEDSTUFFS,

C. I. F. Business Only. ANTWERP.

SOUTHEASTERN FREIGHT TARIFF.

The appended tabular statement gives the freight rates on flour, grain, mill feed and hay from St. Louis, East St. Louis and Bellville, Ill., to Southeastern points named. Class F gives the rate per barrel on flour and corn meal in barrels. Flour in sacks takes a slightly higher rate. Class D gives the rate on grain, mill feed and hay:

To	Cents per 100 lbs.	
	D.	F.
Akron, Ala. (for C. S. & M. Stations)	25	54
Alabama City, Ala.	27	58
Albany, Ga.	30	70
Aldrich, Ala.	34	75
Americus, Ga.	33	70
Anniston, Ala.	27	58
Athens, Ga.	31	66
Atlanta, Ga.	29	62
Attala, Ala.	27	58
Augusta, Ga. (Prop'r)	31	66
Barclays, Ala.	27	58
Beaufort, S. C.	28	60
Bessemer, Ala.		
Birmingham, Ala.		
Blotson, Ala.	26	54
Blotson Junction, Alabama		
Brierfield, Ala.		
Bristol, Tenn.	35	72
Brunswick, Ga.	28	60
Calera, Ala.	32	74
Caryville, Fla. (for Choc. River Landings)	26	76
Cedartown, Ga.	33	72
Charleston, S. C.	28	60
Chattanooga, Tenn.	24	52
Clarksville, Tenn. (store door)	18	40
Columbiana, Ala.	35	80
Columbus, Ga. (Proper)	31	66
Columbus, Ga. (for S. W.)	31	62
Dalton, Ga.	29	58
Decatur, Ala.	23	42
Demopolis, Ala.	29	68
Dukes, Ala.	33	70
Edward's Furn., Ala.	25	54
Elberton, Ga.	25	74
Ensley, Ala.	35	54
Eufaula, Ala. (Prop'r)	31	66
Eufaula, Ala. (for S. W.)	31	62
Fernandina, Fla.	26	60
Florence, Ala.	22	52
Fort Gaines, Ga.	34	72
Gadsden, Ala.	27	58
Gainesville, Fla. (Proper)	43	90
Gate City, Ala.	25	54
Gurnee, Ala.	33	72
Huntsville, Ala.	23	52
Ironaton, Ala.	27	58
Jacksonville, Fla.	28	60
Jenifer, Ala.	27	58
Jesup, Ga.	25½	78
Knoxville, Tenn.	27	58
Lake City, Fla.	28	60
(G. S. & F. So. of Lake City.)		
Lake City, Fla. (Proper)	41	86
Live Oak, Fla. (Proper)	41	88
Live Oak, Fla. (F. C. & P. & So. Fla. R.R.)	28	60
Macon, Ga.	31	66
Milledgeville, Ga.	33	70
Montevallo, Ala.	28	56
Montgomery, Ala.	25	54
Morrilton, Tenn.	33	81
Munford, Ala.	27	58
Nashville, Tenn.	15	34
New Bradford, Fla. (Suw. River L'd'gs)	34	72
New Decatur, Ala.	32	58
No. Birmingham, Ala.	25	54
Opelika, Ala.	31	68
Oxanna, Ala.	27	58
Oxford, Ala.		
Oxmoor, Ala.	25	54
Palatka, Fla.	34	72
Pell City, Ala. (for B. & A.)	37	58
Pensacola, Fla.	22	51
Port Royal, S. C.	28	60
River Junction, Fla.	34	76
Rome, Ga.	27	58
Ruffner, Ala.	25	54
Savannah, Ga.	28	60
Selma, Ala.	25	54
Seefield, Ala.	23	53
Shelby, Ala.	34	78
South Calera, Ala.	32	74
Sylacauga, Ala.	30	64
Talladega, Ala. (Proper)	27	58
Thomas, Ala.	25	54
Trussville, Ala.	27	58
Tuscumbia, Ala.	22	53
Washington, Ga.	35	78
Waycross, Ga.	34½	74
W. Nashville, Tenn.	15	34
West Point, Ga.	30	68
Watumpka, Ala.	30	64
Woodlawn, Ala.		
Woodstock, Ala.		
Woodward, Ala.	25	

Rates on hominy and grits, in barrels, 4 cents less than Class F.

DO YOU NEED...
Export Trade This Year?
Advise about it
with ...
THE MODERN MILLER.

American Visible Supply.

The visible supply of grain in the United States and Canada, on the dates named, as reported by the Chicago Board of Trade, follows:

Bus—	Feb. 27.	Feb. 20.	Feb. 18.	Feb. 28.*98
Wheat.....	29,920	31,820	30,161	34,088
Corn.....	31,821	29,610	30,624	40,870
Oats.....	9,369	8,616	7,115	13,473
Rye.....	1,504	1,541	1,587	3,660
Barley.....	2,674	2,772	2,922	2,165

Decrease of wheat, 1,900,000 bus.

Available Supplies.

Available flour and grain supplies being the aggregate of the amount visible and that afloat, are

	Bushels.
Flour and wheat	61,440,000
A year ago	71,128,000
Corn	42,461,000
A year ago	53,110,000
Wheat and flour decrease.....	1,042,000
Decrease a year ago.....	945,000
Corn, decreased	699,000
Increase a year ago	1,123,000

On Ocean Passage.

The amount of flour and wheat on ocean passage increased 1,280,000 last week:

	Bushels.
On passage now	31,520,000
On passage a year ago	37,440,000

The amount of corn on passage decreased 800,000.

	Bushels.
On passage now	10,640,000
On passage a year ago	12,240,000

Shipments of Flour and Wheat to Europe.

Shipments of flour and wheat to Europe last week amounted to 7,544,000 bushels. The countries from which exports were made and the amount from each was as follows:

	Bushels.
United States and Canada	3,844,000
Russia	664,000
Danubian ports	264,000
India	256,000
Argentine Republic.....	1,296,000
Australia.....	1,230,000
Total	7,544,000
Total a year ago.....	7,010,000

THE CALIFORNIA LIMITED

Via Santa Fe Route, is the best and speediest train to California, St. Louis to Los Angeles in 63 hours, three times a week. Pullmans, dining-car, buffet smoking-car with barber shop, and observation car with spacious parlor for ladies and children, vestibuled and electric lighted. Close Connection made at Kansas City by all lines leaving St. Louis Mondays, Wednesdays and Saturdays.

J. W. TEDFORD,
Gen'l Agent Santa Fe Route,
108 N. 4th Street, St. Louis, Mo.

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Chicago & Alton R.

ONLY STONE BALLASTED TRACK.

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KANSAS CITY AND CHICAGO.

Palace Reclining Chair Cars Free,
Pullman Compartment Sleepers.

Ask your own Home Ticket Agent for tickets
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JAMES CHARLTON,

General Passenger and Ticket Agt.,

CHICAGO, ILL.

D. BOWES,

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Knickerbocker Special,

Famous Noon Train

From St. Louis....

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Big Four Route .. AND

NEW YORK CENTRAL R'Y.

CAFE, LIBRARY, SLEEPERS,
DINING CARS

ALL
EASTERN
CITIES.

W. P. DEPPE, A. G. P. A.,

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VIA THE IRON MOUNTAIN ROUTE

A New and Palatial Vestibuled Train, without an equal,
put in service for the first time this season.

Leaves St. Louis every Tuesday and Saturday,
8.00 p. m., for Los Angeles and San Francisco.

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COMPOSITE CAR—Containing Reading, Writing and
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Room.

COMPARTMENT CAR—Containing Seven Private
Compartments and Double Drawing-Rooms.

SLEEPING CARS—Containing Twelve Sections
State Rooms and Drawing-Rooms.

DINING CAR—in which all Meals are served A LA
CARTE.

Heated with Steam. Lighted with kerosene Gas.

A SUMMER ROUTE FOR WINTER TRAVEL.

NO HIGH ALTITUDES. NO SNOW BLOCKADES.

ONLY THREE DAYS TO OR FROM CALIFORNIA.

Entire train runs through without change.

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E. C. TOWNSEND, Gen'l Passenger and Ticket Agent,
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Mountains. Climate mild and bracing.
Scenery wild and beautiful.
Unequaled medicinal waters. Ex-
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B. & O. SOUTHWESTERN.

Luxurious New Pullman
Sleeping Cars

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along the Southern Railway
in the Southern States. South-
ern farmers are now diversify-
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ever before, and the South
sees the profit of raising its own
Grain and making its own Flour.
There is thus a good field for
FLOURING MILLS

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mills are needed.

Desirable Locations

for new mills can be found along the South-
ern Railway.

There are also the best locations for
Textile, Wood Working, Iron and Steel and
Earthen Ware Plants along the road in the
eight States it traverses.

Locations for Home-seekers in Fertile
and Healthy Sections, with cheap Lands.
Send for information about the South.

M. V. RICHARDS,

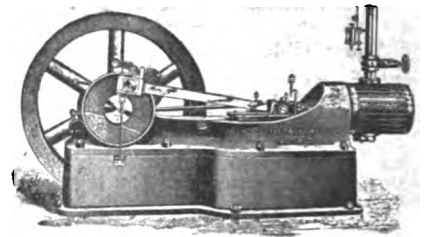
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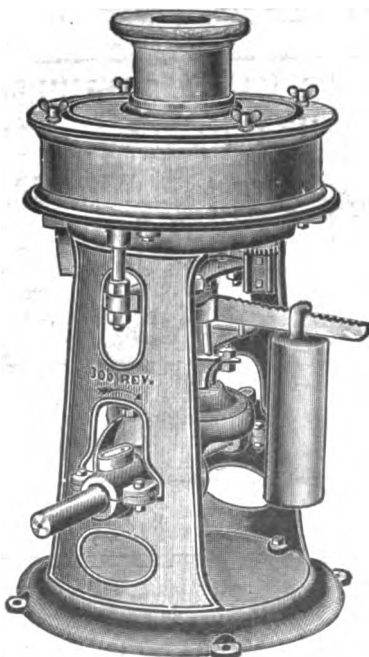
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Write for pamphlet of either, stating your wants.

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AT WORK.

THE KNICKERBOCKER CO.,
JACKSON, MICH.

THE large number of inquiries we receive daily from millers all over the United States regarding the Scroll Mill, is pretty good evidence that something is needed for reducing fine flat middlings stock satisfactorily.

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THE large number of millers already using the Scroll and who write us praising its work, is evidence enough to convince anyone that the Mitchell Scroll Mill is all right and that it is the only practical device in existence by which you can avoid excessive flattening of your stock, and at the same time make the right kind of flour and finish.

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Fachkundige
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Lieferung bewährtester Isolirmaterialien
und
Ausführung kompletter Isolierungen
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Erstes Fachgeschäft für maschinen- u. bautechn. Isolierungen.
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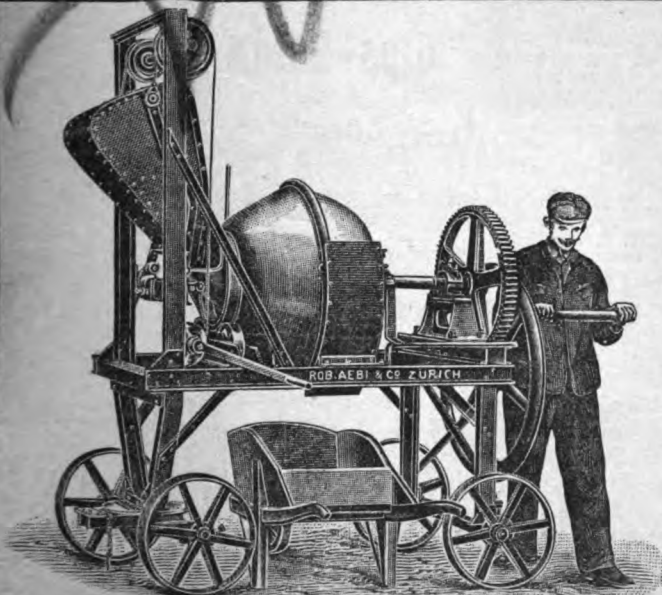
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bis 1200 mm Durchmesser,
gerade und gebogen, ☐ ☐

für Dampf-Leitungen, Wasser-Leitungen, Turbinen-Leitungen, hydraulische Anlagen,
Kondensations-Anlagen etc. mit allen erforderlichen Verbindungen u. Formstücken.

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✚ Patent 22789

beste, leistungsfähigste und billigste Maschine
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Für Hand- und Kraftbetrieb.

Leistung 20—200 cbm per Tag.

Ueber 300 Maschinen im Betrieb.

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Zentralheizungen aller Systeme.

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Weitgehendste Garantie.

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Eine grössere Landgemeinde des Kantons Zürich, unweit einer Stadt, Bahnstation der S.B.B., mit guter Zugverbindung, wünscht die bereits vorhandene Industrie durch Zuzug von einigen weiteren Geschäften noch weiter zu vermehren. Elektr. Kraft und Licht, sowie Wasser vorhanden und wird nebst Bauterrain, auf Wunsch letzteres auch mit Geleisanschluss, billigt abgegeben. Steuerverhältnisse günstig.

Gefl. Anfragen von Interessenten, die neue Anlagen zu machen gedenken, erbeten unter Chiffre Z.B.10227 an die Annoncen-Exped. **Rudolf Mosse, Zürich.**

Ca. 8000 cbm Kies

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Zu baldmöglichem Eintritt wird in erstes Architekturbureau Zürichs ein tüchtiger, durchaus selbständig und künstlerisch arbeitender

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zu engagieren **gesucht.** Derselbe hätte dem ganzen Bureau vorzustehen und bei Abwesenheit den Chef zu vertreten. Er muss selbständig entwerfen können und flotter Zeichner sein. Gehalt nach Uebereinkunft.

Nur erste Kräfte, die sich über Erfolge ihrer bisherigen beruflichen Tätigkeit ausweisen können, wollen ihre Anmeldungen mit Zeugnissen und Zeichnungsproben begleitet, eingeben sub Chiffre ZE 10508 an die Annoncen-Expedition

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Patent-Ventilations- Füllöfen

mit Blechmantel oder Kachel-
bekleidung

in 58 verschiedenen Nummern, zur Beheizung von Räumen jeder Art und Grösse. Dieses vorzügliche Fabrikat übertrifft alle bis jetzt existierenden Ofensysteme und erfreut sich rasch steigenden Absatzes im In- und Auslande. Ein Ofen nach diesem vollkommensten Systeme bezahlt seine Anschaffungskosten in kurzer Zeit durch die **Brennmaterial-Ersparnis**. — Illustrierte Preisliste gratis und franko.

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Tague Bucher, & Cie.,

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fabrizieren und liefern als Spezialität:

Tür- und Fenster-Beschläge

in anerkannt bestbewährten und modernen Systemen.

Fabrikations-Spezialitäten:

Pendeltürbänder



amerik. System, in Stahl, vernickelt, vermessingt, verkupfert, oder in Messing und Bronze massiv; einseitig und doppelt wirkend. Den amerikanischen durchaus ebenbürtig, den Nachahmungen aber ganz bedeutend überlegen.

Türschliesser divers., bestbekannter Systeme mit Federspannung.

Türschliesser, pneumatisch.

Türschliesser, hydraulisch, System Blount, neuester Konstruktion.

Windfangfedern diverser Systeme.

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In allen Artikeln und couranten Grössen, grosses Lager.

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A. G.

Zürich

Fabrikation des patent. Kreuzsteins

Pat. No. 32405

zur Herstellung sofort trockener Scheidewände, ohne Mörtel, grösste Reinlichkeit bei Umbauten.

Schnellste Bauart.

Rissfrei.

Mässiger Preis.

In Stärken von

60, 75 und 100 mm.

Prospekte auf Verlangen.



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für alle Sprengzwecke

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 liefert
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 Dépôts in der ganzen Schweiz. Mythenstrasse 21. Telephone 3623.

Wunner'sche Bitumen-Emulsion.

Erklärung.

Die unterzeichnete Firma fabriziert die **Bitumen-Emulsion**, die als **Wunner'sche Bitumen-Emulsion** bekannt ist und zur Herstellung des renommierten **Wunner'schen Isoliermörtels** dient.

Der Generalvertrieb dieses als vorzüglich anerkannten Produktes liegt für die Schweiz **allein** in den Händen der Firma **von Känel & Cie., Gessnerallee Nr. 32, Zürich I.**

Seit einiger Zeit verbreitet nun eine Firma **H. A. Brandt in Basel**, resp. deren Generalvertreter für die Schweiz, **Otto Neresheimer, Bahnhofstrasse, Zürich**, Zirkulare und Kataloge und Inserate in Fachzeitingen, in denen sie **Wunner'sche Bitumen-Emulsion** unter der Bezeichnung „**Original Wunner'sche Bitumen-Emulsion**“ anpreist, obwohl ihr solche weder von der Fabrik noch von irgend einem Wiederverkäufer geliefert worden ist. Das Produkt aber, das die Firma **H. A. Brandt** selbst herstellt und als «eigenes Schweizer Fabrikat» bezeichnet, wird von Fachleuten als minderwertig qualifiziert.

Die Firma **H. A. Brandt** behauptet ferner, sie besitze das Patent auf Bitumen-Emulsion, der Erfinder habe das deutsche Patent verfallen lassen. Dies ist eine krasse Unwahrheit. Bitumen-Emulsion ist für uns allein in Deutschland patentiert.

Die Firma **H. A. Brandt** und ihr Generalvertreter berufen sich in ihren Zirkularen ferner auf Referenzen von Interessenten, welche die Bitumen-Emulsion **nie von ihr, sondern von der unterzeichneten Firma** bezogen haben.

Wir weisen die Interessenten auf dieses unlautere, auf Verwechslung und illoyale Konkurrenz abzielende Gebaren der Firma **H. A. Brandt** hin. Die echte **Wunner'sche Bitumen-Emulsion** wird allein von uns fabriziert und vertrieben.

Wir behalten uns vor, gegen die Firma **H. A. Brandt** und ihre Vertreter wegen des Missbrauchs unseres Namens und der illoyalen Konkurrenz gerichtlich vorzugehen und sie für allen hieraus erwachsenden Schaden haftbar zu machen.

Im Auftrage der

Wunner'schen Bitumen-Werke, G. m. b. H.

Unna i. W.

Dr. E. Guyer.

Fugenloser

Kunstholz-Bodenbelag.

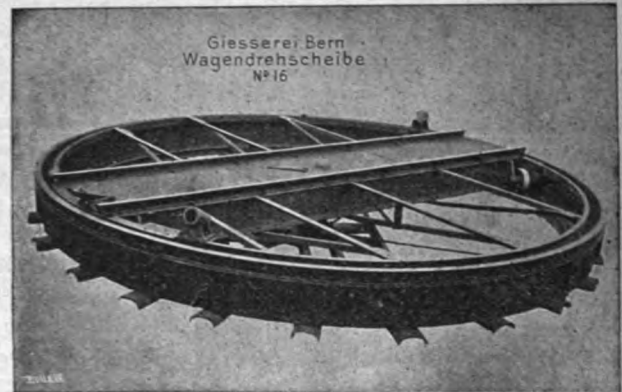
Dauerhaft wie Eichenholz.

Guss auf jede solide Unterlage, nach eigenem System selbst auf ölige Holzböden.

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Gesellschaft der Ludwig von Roll'schen Eisenwerke

Filiale: **Giesserei Bern** liefert:



Hebezeuge jeder Art als **Laufkräne**, und feste oder fahrbar als **Drehkräne** für Hand- und speziellen **elektrischen** Betrieb; **Aufzüge** für hydraulischen, **elektrischen** und Transmissionsbetrieb.

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Weichen für **Haupt- u. Nebenbahnen**, für **Vignol- u. Rillen-Schiene** **Barrieren** mit und ohne Verriegelung und Vorläuten.

Zahnstangenoberbau; komplette Seilbahnen für Güter- und Personentransport. (Eigene patentierte System seit 1898 37 Touristen-Seilbahnen ausgeführt oder in Arbeit.)

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wenn Sie für Ihre Geschäftswege die leichte und schnelle, in jedem Terrain zuverlässige

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benutzen. Es ist die einzige Maschine, die einfache Behandlung geringes Gewicht, und niedrigen Preis mit grösster Leistungsfähigkeit vereinigt. Den grössten und schwereren Motoren ist die Motosacoche weit überlegen. Kataloge gratis und franko durch

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Maschinenfabrik, Eisen- und Stahlgiessereien

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Schubkarren und Perronwagen, Seilbahnen

verschiedener Systeme,

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Baggermaschinen für Nass- und Trockenbaggerung, Baggerlöffel,

Torfpresen mit zugehörigem Rollmaterial,

Transmissionen

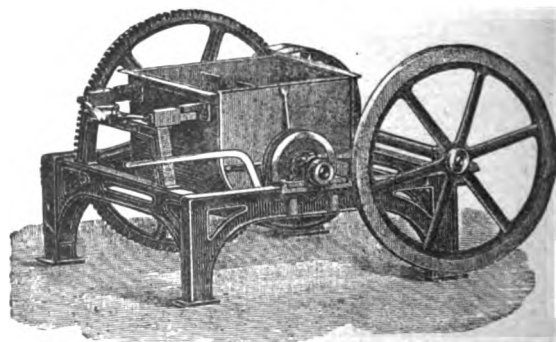
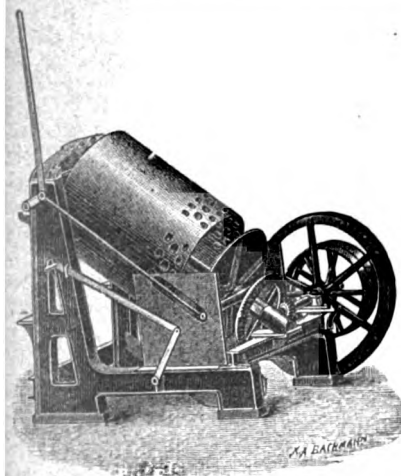
mit ordinären und Ringschmierlagern,

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für Zementfabriken etc.

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der

Wanderer-Fahrradwerke

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Vertretung und Lager
für die Schweiz:

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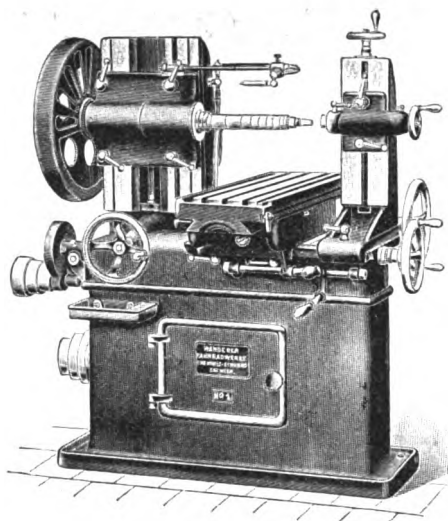
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des In- und Auslandes

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aller Art in höchster Vollendung



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zur Herstellung tragfähiger
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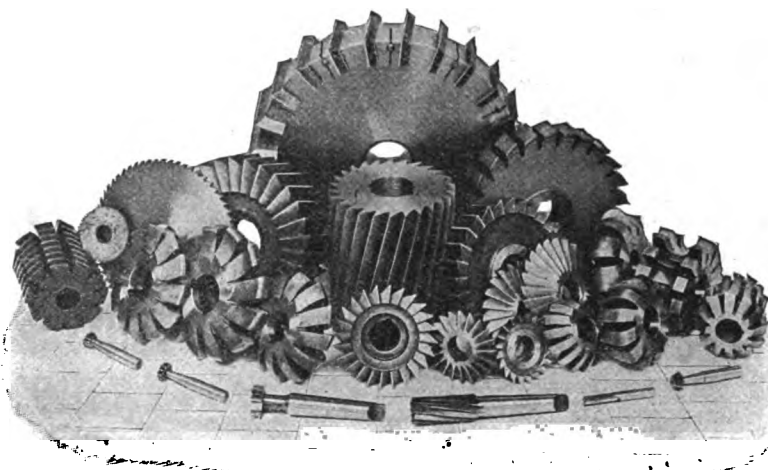
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Huttenstrasse

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Vertreter
für die
Schweiz:

R. FALKNER,

Ingenieur,
BASEL.



Gruppe von Fräsern.

Tausende zu verdienen

Wirklich reelle Angebote verkauft
hiesiger und auswärtiger Gesell-
schaften, Pensionate, Sanatorien,
werbebetriebe, Grundstücke, C-
Villen u. Teilhabergesuche jede
finden Sie in meiner reichhaltigen
fertigenliste, die jedermann bei na-
Angabe des Wunsches vollkom-
kostenlos zusehe. Bin kein A-
nahme von keiner Seite Provis

S. Kommen
Basel

CARLMÜLLER
ZÜRICH
Patent-Bureau
REFERENZ

Centrifugal- Pumpen

bewährteste Ausführung
Riemen- od. elektr. Antri-
Praktischste, billigste Pum-
jeder Größe
für jede Flüssigkeit.

Stets
auf Lager



Bopp & Reuther, Mannheim

Spezialitäten der Ersten Süddeutschen Manometerbau-Anstalt u. Federtriebwerk-Fabrik

J. C. Eckardt, Cannstatt - Stuttgart 9.

Manometer aller Art.

Thermometer, Pyrometer, Kolbenwassermesser
für Dampfkessel (verbessertes System Kennedy).

Eckardts verbesserter

Kesselspeisewasser-Messer

System Kennedy.

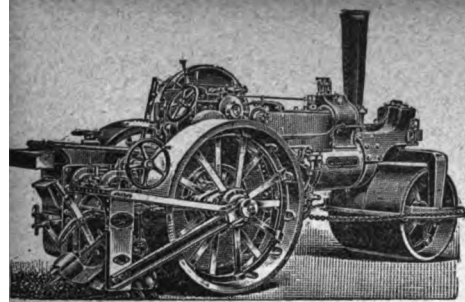
Dauernde Messgenauigkeit

bei jedem Wärmegrad und Gegendruck. Absolute Präzisionsarbeit.

Man verlange Prospekte.
Referenzen von Behörden und ersten Firmen.

Vertreter für die Schweiz: Carl Weller & Cie., Techn. Bureau, Zürich V.





liefert kauft- und mietweise **DAMPFSTRASSENWALZEN**, mit oder ohne mechanischem Strassenaufbrecher; in Gebrauch bei einer grössern Anzahl schweiz. Behörden. **Strassenlokomotiven** zur Beförderung leichter und schwerer Lasten.

Steinbrecher, Lokomobilen, sowie sämtliches Material für **Bau-Unternehmer**.

Ferner sämtliche Maschinen zur Strassenreinigung, wie:

Kehrmaschinen Sprengwagen
Schlammabzugmaschinen

Dampfstrassenwalzen zum Ausleihen vorrätig.



EUBÖOLITH

Bester Boden für Fabriken, Schulen, Spitäler
■ ■ ■ ■ ■ **und Geschäftshäuser** ■ ■ ■ ■ ■

Euböolith-Werke (Emil Séquin)
Zürich.

PATENT-BUREAU
Wilh. Reinhard, Zürich I.

Nachforschungen über bestehende Erfindungspatente.

Mir gelingt's
in 4 Wochen

Käufer oder Teilhaber für jede Art hiesiger oder auswärtiger Geschäfte, Hotels, Pensionate, Sanatorien, Grundstücke, Güter und Gewerbebetriebe ohne Provision direkt nachzuweisen, da kein Agent. Verlangen Sie kostenlosen Besuch zwecks Besichtigung und Rücksprache. Infolge der, auf meine Kosten, in den gelesten Zeitungen erscheinenden Inserate bin stets mit kapitalträchtigen Reflektanten in Verbindung, daher enorme Erfolge.

S. Kommen
Basel

Hochbau Tiefbau Maschinen- Elektrotech.
Technikum Konstanz
Reform-Lehrpr.
an Bodensee

Mailand 1906: Grand Prix.

R. WOLF Magdeburg-Buckau.

Vertreter: **W. Thiele, Zürich.**

Fahrbare u. feststehende Sattdampf- u. Patent-

Heissdampf-Lokomobilen

bis zu 500 Pferdestärken.

Wirtschaftlichste Wärme-Kraftmaschinen der Gegenwart.

Einfache Bedienung. Unbedingte Zuverlässigkeit. Hoher Kraftüberschuss. Gleichmässiger, geräuschloser Gang. Verwendung jeden Brennmaterials. Verwertung des Dampfes für Heiz- und Betriebszwecke.

Zentrifugalpumpen für grosse und kleine Förderhöhen.

Gesamterzeugung: 520 000 Pferdestärken

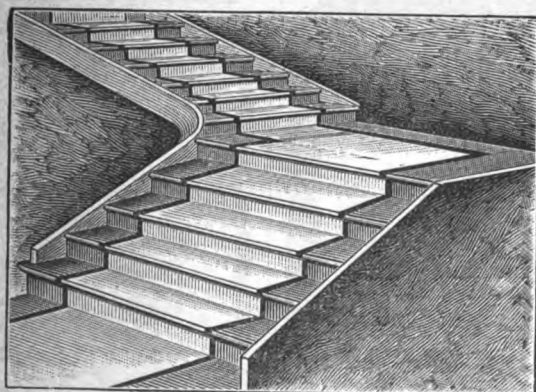
Vereinigte Xylolith- u. Kohlensäurewerke A.G.

WILDEGG

✚ Patent Nr. 9080

Treppenstufen aus Xylolith

für Belag von



Eisernen Treppen; Hölzernen und Betontreppen; Wendeltreppen; abgelaufene Sandsteintreppen.

Grosse Standsicherheit, feuersicher, grösste Solidität.

nisfarben oder mit gefärbtem Treppenläufer

Einzig in der Schweiz bis jetzt ca. 200 000 m² Böden und ca. 10 000 Treppenstufen gelegt.

Lichtpausanstalt Helvetia, Zürich I

Schiffe 51 — **Ryffel & Michaud** — Schiffe 51

Telephon 6027 **Spezialität:** Telephon 6027

: Trockenverfahren (Plandruck) :

Kopien in tiefschwarzen, scharfen Linien, auf beliebigen Grundton und in jeder gewünschten Farbe auf Paus-, Zeichen- oder Tonpapier, **Karton** oder Leinwand in div. Stärken.

Negrographie. Sepiaverfahren. Heliographie.

Musterzimmer. Vorzügliche Einrichtung. Elektrische Beleuchtung. Sorgfältige, prompte und billige Bedienung. Muster und Preisliste zu Diensten. Verlangen Sie den Besuch unseres Repräsentanten.

Verkauf von Heliographie-, Paus- und Zeichenpapier.

Billigste Bezugsquelle.

Kempf & Co., Herisau

Fabrik für Eisenkonstruktionen aller Art. Prompte, coulante Bedienung.

SCHWEIZER.GESELLSCHAFT

FÜR

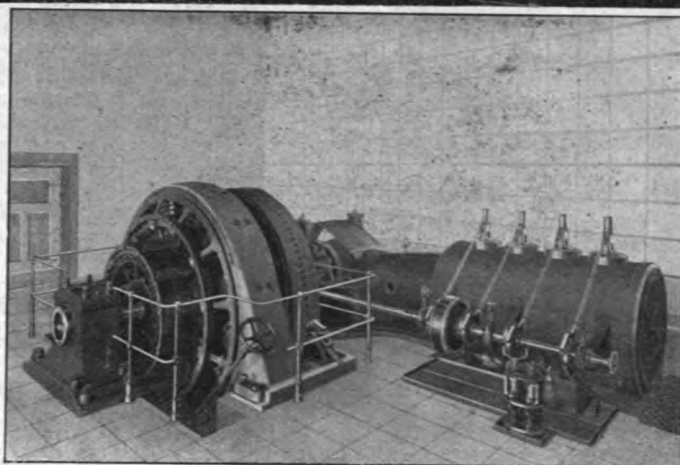
**PRÄZISIONS-
ARBEIT**

**VORZÜGLICHE
KONSTRUKTION**

**EINFACH &
BETRIEBSSICHER**

**HOHE
OEKONOMIE**

EXPORT



**MODERNSTE
WERKSTÄTTEN**

**BESTE
MATERIALIEN**

**EXAKTE
REGULIERUNG**

**GERINGE
BETRIEBSKOSTEN**

EXPORT

LENTZ-VENTILMASCHINEN

GIUBIASCO

Karnahl & Co., Leipzig.

GASMOTOREN-FABRIK DEUTZ

FILIALE: ZÜRICH BAHNHOFPL. 5



Deutzer Rohölmotoren
für Betrieb mit den billigsten Rohölsorten.

Deutzer Motoren
für Sauggas, Leuchtgas, Benzin, Petrol etc.

Höchster Lichteffekt Grösste Haltbarkeit

erzielt man nur mit dem

echten Auerlicht.

Unsere Artikel tragen folgende geschützte Marken:
Auf der Brennerkrone: **Gasglühlicht System**
Dr. Carl Auer von Welsbach,
Auf dem Brennerrohr: **Auerlicht und Bee Auer.**



Auf dem
Glühkörper



Zu beziehen bei den Gaswerken und bessern
Installations-Geschäften.

Schweiz. Gasglühlicht A.-G.
System Dr. Carl Auer v. Welsbach,
Zürich, Hafnerstrasse 24.

Herzogl. Baugewerkschule Holzminden
Errichtet 1831. **Hochbau & Tiefbau.** Direktor L. Gaarmann.
Erunter. 4. April. Wtrunter. 14. Okt. Verpflegungsanstalt. Reifeprüfung.

Digitized by Google

A.-G. der Eisen- und Stahlwerke vorm. Georg Fischer Schaffhausen.

Konzessionärin für Fabrikation und Vertrieb des

SCHIENENSCHUHE

= Patent „Scheinig & Hofmann“ = aus + G F + Stahlguss.

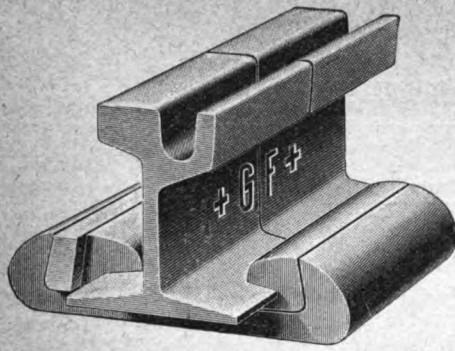
Dauernd gute **mechanische** Verbindung. Stossfreier Uebergang der Wagen über die Schienenstösse. — Verminderter Verschleiss von Rollmaterial und Schienen. Geringster elektrischer Widerstand. Dauernd vorzügliche Stromleitung trotz Wegfall der Kupferverbindung.

Einfache Montage, auch in schon bestehende Netze. — Bequeme Demontage. Ermöglicht die Wiederherstellung ebener Fahrfläche bei am Stoss eingesenkten und ausgeschlagenen Schienen.

Exakteste Herstellung. Montage-Werkzeuge und Instruktionspersonal zur Verfügung.

Referenzen:

Trambahnen: Zürich, Lausanne, Luzern, Augsburg, Zwickau, Hamm, Mülhausen, Aachen, Wien, Berlin, Düsseldorf, Krakau, Palermo, Madrid und viele andere. — Siehe Seiten 35 und ff. und 55 im Bericht des Herrn A. Busse, Oberingenieur der Grossen Berliner Strassenbahn an den Kongress in Mailand 1906 des Internat. Strassenbahn- und Kleinbahn-Vereins.



„Pat. Wroblewski-Fenster“

besten Abschluss, leichteste Handhabung.

Oberflügelöffner „Schmal“

funktioniert sicher und geräuschlos.

Felix Beran, bautechn. Bureau, Zürich.

Elektr. Aufzüge



modernster
Konstruktion und
Ausführung

liefern

C. Wüst & Cie.

Seebach-
Zürich.

Einzige Maschinen-
fabrik in der Schweiz,

die nur elektrische Aufzüge baut und zwar komplet, den elektrischen wie den mechanischen Teil in eigenen, vorzüglich eingerichteten Werkstätten mit über 300 Arbeitern.

Hunderte von Anlagen im Betrieb!

Grandes Carrières de St-Imier (Jura)

Steinbrüche in St-Imier und Villeret

Oeschger, L'Hardy & Co.,

Nachfolger von Rothacher & Co.

— Hellgelber Kalkstein —

Druckfestigkeit 1892 kg per cm², politurfähig, gleichmässige Struktur, Werkstücke in allen Grössen bis zu 5 m³.

Grosser Steinmetzbetrieb, Steinsägerel etc.

Hudolf Mosse, Zürich

alleinige Inseraten-Aufnahme für die
Schweizer. Bauzeitung.

MEYER & MOREL Bureau Zürich
Kreuzstr. 78
vormals G. L. MEYER, Ing. Telephone 6753

Armierter Beton

Projekte und Ausführung

Konzessionäre in Basel, Bern, St. Gallen, Winterthur.

SPECIALITÄT:

Luftgasapparat „ARION.“

Acetylenapparat „MARS.“

Grösste Vollkommenheit.

H. VOGT-GUT, ARBON.

Vorzügliche Leistung, Billiger Betrieb.

Beleuchtung, Heiz- & techn. Zwecke.

Prima Referenzen

Prospecte.

Mechan. Bauschreinerei und Parquet-Fabrik Stuber & Co., Schüpfen (Bern)

empfehl:

Parquets in allen Holzarten, vom einfachsten bis reichsten Dessin.

Bauschreinerarbeiten,

Fenster und Türen als Spezialität.

Prompte Bedienung. Vorteilhafte Preise. Man verlange Offerten.

Gelsenkirchen-Schalke

Siemens-Martin-Stahlwerk, Blechwalzwerk, Wellrohrwalzwerk, Wassergas-Schweisswerk

liefert als Spezialitäten:

mit Wassergas aus eigenem S.-M. Flusseisen

geschweisste Rohre

von 450 mm Durchmesser bis zu den grössten Weiten und in Wandstärken bis zu 40 mm für
Dampf-, Wind-, Gas-, Wasser-, **Kanalisation**-, Dücker- und Turbinen-Leitungen.

Tel.-Adr.: Blechwalzwerk Gelsenkirchen. Kostenanschläge bereitwilligst. 1600 Arbeiter.



J. Ruegger, Basel

liefert als Spezialität

Personen-
Waren-
& Speise-
Aufzüge

für elektrischen und
hydraulischen Betrieb

Kranen aller Art

(Laufkranen, Dreh-
kranen etc.) : : : :

für elektrischen und Hand-
betrieb.



TEGOLIN

1000 fach bewährte

beste Rostschutz-Farbe.

COURT & BAUR · G.m.b.H. · KÖLN · EHRENFELD.



Heinrich Brändli, Horgen
Asphaltgeschäft

übernimmt:

Asphalt-Arbeiten, Asphalt-Isolierungen,
zweckentsprechend für Hoch- und Tiefbauten in nur
bewährter fachgerechter Ausführung und gewissenhafter
Bedienung mit Garantie. ☐ Referenzen zu Diensten.

Telegr.: Heinrich Brändli, Horgen. Telephon.

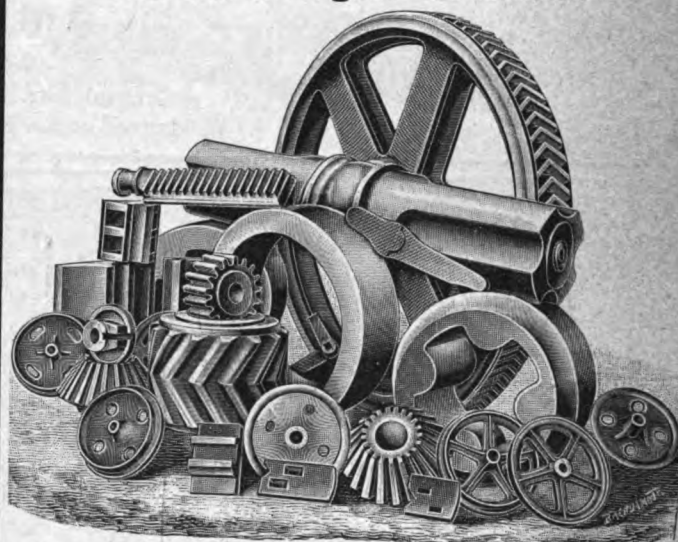
Plastische Malerei

Vornehme, künstlerische Flächenbelebungs-Plastik.
Billiger und effektvoller als Stuck.

Da Handarbeit, bringt sie stets originale
Motive und passt sich der architektonischen
Konstruktion und dem Charakter des Innen-
raums vollendet an. — Kulante Preise. —
Photographie von ausgeführten Arbeiten, so-
wie Kostenberechnungen werden auf Wunsch
gerne eingesandt.

Fritz Schmassmann, Winterthur

☐ Atelier für moderne Dekorationen. ☐



Martinsstahlgussstücke aller Art.

Vertreter: **Limburg & Osswald, Zürich I.**

Glasdächer

Shedfenster, Oberlichtlaternen, Hofüberdeckungen



liefert in bester, längst bewährter kittloser Verglasung, sowie
Blech- und Glasjalousien, D. R. P., Shedrinnen

Julius Lorenz, Stuttgart

Spezialfabrik für Glasbedachungen.

Skizzen und Kostenvoranschläge gerne zu Diensten.

— Tüchtige Vertreter gesucht, —

Spundwände aus Holz sind  unpraktisch und veraltet. 

Praktischer und im Gebrauch **billiger** sind:

SPUNDWAND-BOGENBLECHE

System Lang. D. R. P. a.

Auskunft hierüber erteilt:

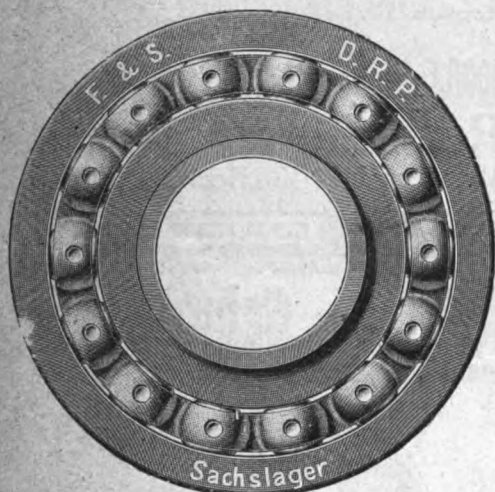
MASCHINENFABRIK BUCKAU, Aktien-Gesellschaft zu MAGDEBURG.

Kugel-Druck-Lager

Marke F. & S.



Schutzmarke



Für Maschinen- und Automobilbau

Scheibendrucklager, Stützlager aller Art in anerkannter Vollendung. Zweckentsprechender Einbau. * * * * * Zeichnungen werden auf Wunsch kostenlos angefertigt. Preislisten, Offerten und Vorschläge durch * * * * *

Amsler & Co.

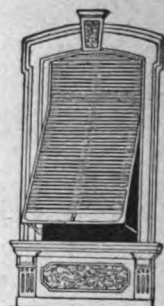
Feuerthalen bei Schaffhausen.

Generalvertr. der Schweinf. Präzisions-Kugellager-Werke Fichtel & Sachs, Schweinfurt.

Wilh. Baumann

Rolladenfabrik

Horgen (Schweiz).



Holzrolladen
aller Systeme.

Rolljalousien,
automatisch.

Roll-
Schutzwände
verschiedener
Modelle.

Verlangen Sie Prospekt!

Schweizerische

Accumulatoren-

Fabrik A.-G.

in

Olten.

**Licht-,
Puffer-,
Automobil-
Batterien.**

**Bewährte Konstruktion.
Keine Kurzschlüsse mehr.**

Leichte Wartung.
Geringer Unterhalt.



A. Stotz

Eisengiesserei und
Apparatebauanstalt

Stuttgart VIII

Transport-Anlagen
für Massengüter jeder Art.
Elevatoren

Transporteure
Transportschnecken
Hängebahnen etc.
Kesselbeschickungsanlagen
Kohlentransportanlagen
Zerlegbare Treibketten
Stahlbolzenketten
und Kettenräder

Kataloge und Prospekte zur
Verfügung.

Erstklassige Referenzen.

GRAND PRIX
Paris 1889

Kern & Co. Aarau

Gegründet 1819 — 20 erste Auszeichnungen.

ERSTKLASSIGE INSTRUMENTE

für

Topographie, Geodäsie, Astronomie.

Präzisions-Nivellierinstrumente und Miren.

Beste Optik der Neuzeit.

Libelle Zwicky-Kern  Dosenlibelle Mollenkopf

Wesentliche Konstruktions-Neuerungen.

FEINSTE

Schweizer Präzisions-Reisszeuge.

Patente:

Zirkelkopf, bei welchem Feststecken der Axe und toter Gang ausgeschlossen.

Geradehalter der Kopfgriffe.

Reisfeder Ideal, z. sofortigen Wiedereinstellen auf innegehabte Strichstärke nach Reinigen der Nadelregulator etc. etc.

[Feder.

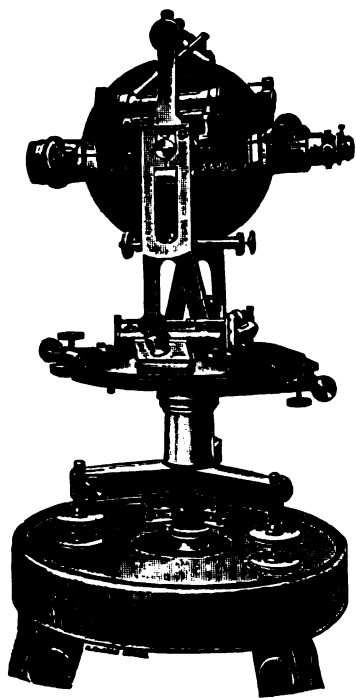
Alle unsere Instrumente tragen unsere gesetzlich geschützte Fabrikmarke.



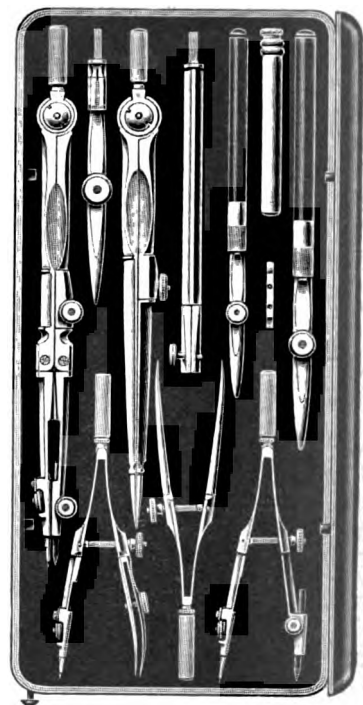
NEUESTE KATALOGE.

Telegramme: Kern Aarau.

Telephon.



Grand-Prix Mailand 1906



Wasser-Reinigung

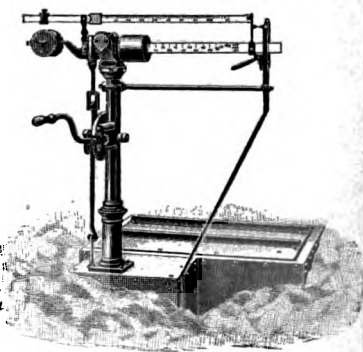
Filterpressen
Armaturen
Pumpen

A. L. G. Dehne, Maschinen-Fabrik, Halle a. S.

J. AMMANN & Co., Waagonfabrik, Ermatingen.

Zweigfabrik und Verkaufsmagazin in ST. GALLEN
H. WILD, Eichmeister.

Waagen in allen Konstruktionen,
von 1 bis 50 000 kg Tragkraft. Lieferanten für eidg. Post und Zoll, Direktion der eidg. Bauten, eidg. Konstr.-Werkstätte, Bundesbahnen usw.



1, 2, 3, 4, 5

hervorragende Eigenschaften machen unsere

Oberlicht-Deffner

Augusta

und

Hercul

zu den beliebtesten der ganzen Welt.

Überall erhältlich! Proben grat. u. franko!

Gretsch & Cie.

G. m. b. H.

Feuerbach-Stuttgart

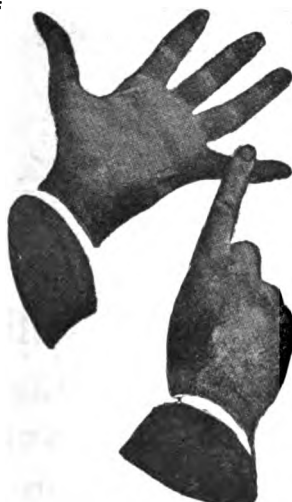
Tadellose Funktion

Spielend leichte Handhabung

Gefällige Form

Grosse Dauerhaftigkeit

Billiger Preis



Generalvertreter für die Schweiz:

E. Müller-Meister, Gemüsebrücke, Zürich.

Akkumulatoren

Spezialtypen für alle Zwecke unter Verwendung von Planté-, Gitter- und Masse-Platten

Akkumulatoren- und Elektrizitäts-Werke-Aktiengesellschaft vormals W. A. Boese & Co.

Vollgezahltes Aktienkapital: 4 1/2 Millionen Mark.

Fabriken in Berlin und Altdamm.

Zentralbureau: Berlin SO., Köpenickerstrasse 154.

Vortreiberbureau: Düsseldorf, Hüttenstr. 19; Frankfurt a. M., Moselstr. 10; Leipzig, Packhofstr. 1; Cöln a. Rh., Victoriastr. 2; Bremen, Molkenstr. 7; Dresden, Waisenhausstr. 16; Breslau, Lehmgrubenstr. 53.

Ausserhalb des Ringes der Elektrizitätsgesellschaften stehend.

Wiederverkäufern und Installateuren werden besondere

Erleichterungen gewährt!

Schluss-Termin für Annahme von Inseraten jeweiligen Mittwoch Abend.

A. RIEBER, Maschinenfabrik, Reutlingen (Württemberg.)

Fernsprecher Nr. 46.

Gegründet 1879.

Telegr.-Adr.: Rieber, Reutlingen.

Filialen in Frankfurt a. M., Tannusstrasse 44 und Lörrach in Baden.

Autogen
geschweisste



u. Façonstücke
in allen Dimensionen.

Wasser-Reinigungs-
für Nutz-

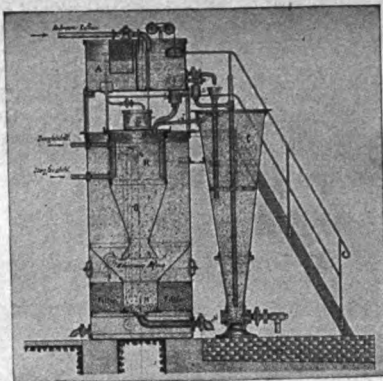
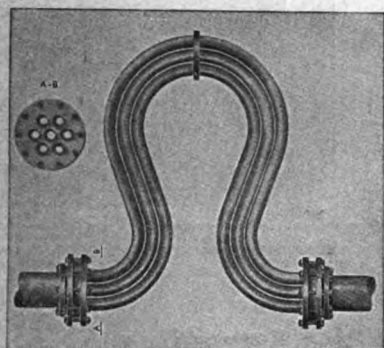
Zentralheizungen

für **Niederdruck, Mitteldruck und Abdampf.**

Trocken- und Kühl-Zylinder.

Feder-Bogen

D. R. G. M. Nr. 284 150.



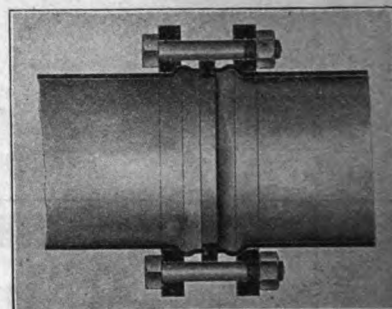
Färbe-Apparate D. R. P.

Autogen
geschweisstes
Façonstück.

**Bleich-,
Koch-
Kessel.**



**Doppel-
Kessel.
Autoclaven.**



und Filter-Anlagen
u. Abwässer.

Schlauchwasch - Apparate

D. R. G. M. Nr. 291 197.

Hochdruck-Rohrleitungen

mit
Flanschenverbindungen
„System Rieber“.

Accumulatoren

für alle Zweige der Industrie:

für Zentralen, Fabriken, Private, Laboratorien,
Automobile, Schiffe, Waggonbeleuchtung usw.

liefert

Accumulatoren-Fabrik Oerlikon

in CERLIKON bei Zürich.

Bureau für die Westschweiz: LAUSANNE, Chemin Vinet 29.

Ausschreibung von Bauarbeiten.

Die Gips- und Maler-Arbeiten, sowie die Schreinerarbeiten
Teil (Fensterlieferung) für die neue Spelseanstalt der eidgen.
Anstalt in Thun werden zur Konkurrenz ausgeschrieben.
Bedingungen sind bei der eidgen. Bauinspektion in Thun zur
Sicht aufgelegt, wo auch Angebotformulare erhoben werden können.

Übernahmsofferten sind verschlossen unter der Aufschrift: «Angebot
Spelseanstalt Thun» bis und mit 13. Oktober nächsthin franko an die
erzeichnete Verwaltung einzureichen.

Bern, den 2. Oktober 1907.

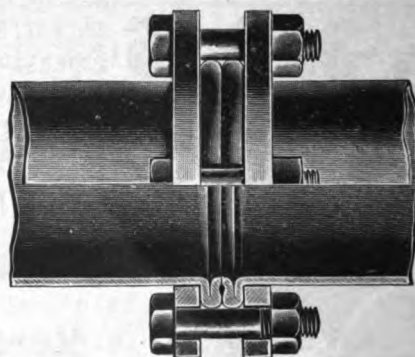
Die Direktion der eidgen. Bauten.

Deutsch-Oesterreichische Mannesmannröhren-Werke

Düsseldorf

liefern:

Düsseldorf 1902:
Goldene Staats-Medaille.



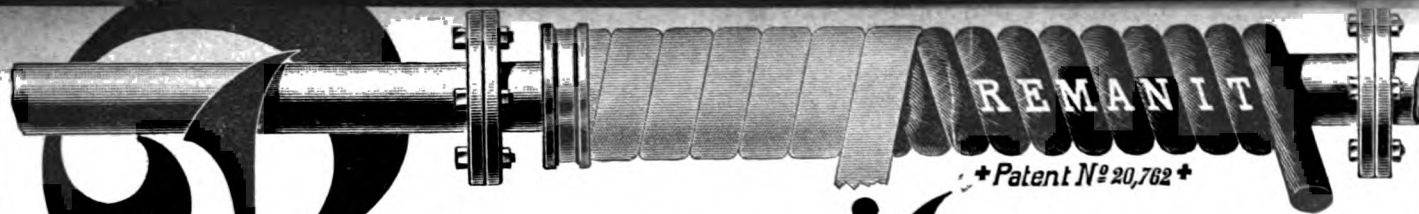
Düsseldorf 1902:
Goldene Ausstellungs-Medaille.

Rohrleitungen für Hochdruck

aus nathlosem Mannesmann-Stahlrohr
mit patent. Doppelbördel-Flansch-Verbindung
und anderen Verbindungsarten.

Grosse Längen. — Höchste Betriebssicherheit.

Vertreter: Alf. Diener & Cie., Zürich



Remanit

Bestes Isoliermaterial

erzielt über 90 $\frac{0}{10}$ Nutzeffekt!

Remanit besteht aus karbonisierten **Seiden**-Zöpfen, -Polstern und -Decken

Remanit ist unerreicht als Isoliermittel für:

Zentralheizungs- u. Warmwasser-Anlagen

gegen Wärme-Verluste

Kaltwasser-Leitungen

gegen Einfrieren u. Schwitzen.

General-Vertretung
und Depot:

WANNER & C^{ie}, HORGEN

Ausführung jeder Art Isolierungen durch eigene Facharbeiter.

Erstes Fachgeschäft für maschinentechnische Isolierungen.



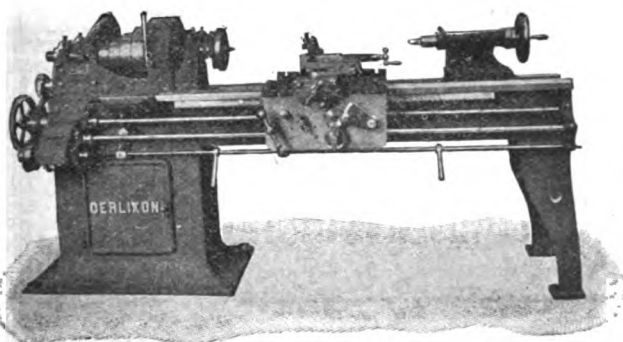
DURABO-Oel- und -Glanz-FARBEI

sind wissenschaftlich begründet u. praktisch bewährt als beste, wetterfeste u. rostschützende Farben für alle Zwecke

Vertreter: Vakats.

EDMUND SIMON, DRESDEN-A.7

Schweizer. Werkzeugmaschinenfabrik OERLIKON.



Erstklassige Werkzeugmaschinen aller Art und in jeder Grösse

für Maschinenfabriken, Eisenbahnwerkstätten, Automobilfabriken, Brückenbau- und Eisenkonstruktionswerkstätten, allgemeinen Maschinenbau, Kesselschmieden, mechanische und Reparaturwerkstätten etc.

Eigene bewährte Konstruktionen für Spezialzwecke.

**Interessenten empfehlen wir die Besichtigung
unseres Lagers und unserer Fabrik.**

KESSELSCHMIEDE RICHTERSWIL

Dampfkessel aller Systeme. Bleischweissarbeiten.

Flammröhren, Feuerbüchsen, Dome, Stutzen, Windkessel, Braupfannen, Seifenkessel, Zirkpfannen, Bouilleurs etc.

Reservoirs, Blechrohrleitungen.

Spezialität: Hochdruck-Rohrleitungen für Wasserkraftanlagen.

Brücken- und Eisenkonstruktionen.

Apparate für diverse Industrien.

Material aus anerkannt nur erstklassigen Hüttenwerken. Sorgfältigste Arbeit, prompte Bedienung.

Bleibolle

leitungs- und Kanalisationsrohre

Metallurgische Gesellschaft
Basel.

Pat. 22786 und 31408

fabriert und liefert die

Prospekte, Zeugnisse und Preise zu Diensten.

Telephon No. 1829.

Telegramm: PLONBB

A. W. FABER'S „CASTELL“-Bleistift

der beste der Gegenwart.

Deutsches Fabrikat.



16 fein abgestufte Härtegrade.

Feinste Spitze. Grösste Zartheit des Striches.

Geringste Abnützung, daher längste Dauer.

Zu haben in den Schreib- u. Zeichenwaren-Handlungen.

Bleistiftfabrik A. W. Faber in Stein bei Nürnberg, gegründet 1761.

Patent-Ventilations- Füllöfen

mit Blechmantel oder Kachel-
bekleidung

in 58 verschiedenen Nummern,
zur Beheizung von Räumen jeder
Art und Grösse. Dieses vorzüg-
liche Fabrikat übertrifft alle bis
jetzt existierenden Ofensysteme
und erfreut sich rasch steigenden
Absatzes im In- und Auslande.
Ein Ofen nach diesem vollkom-
mensten Systeme bezahlt seine
Anschaffungskosten in kurzer
Zeit durch die Brennmaterial-
Ersparnis. — Illustrierte Preis-
liste gratis und franko.

Ofenfabrik

J. Wegmann,
Oberburg bei Burgdorf
(Bern).



Vereinigte Xylolith- u. Kohlensäurewerke A. G.

WILDEGG.

Patent Nr. 9080.



**Auf Blindboden aufgeschraubt;
auf Zementbeton in Mörtel verlegt.**

Nach allen Dessins in viereck, rechteck, achteck
und in 3 Farben, Parkett ähnliche Form.

Xylolith feuersicher, warm. Steinholz schalldämpfend, solid.

Muster, Prospekte, Album und Atteste gratis und franko.

**Einzig in der Schweiz bis jetzt ca. 200 000 m²
Böden und ca. 10 000 Treppenstufen gelegt.**

„Pat. Wroblewski-Fenster“

bester Abschluss, leichteste Handhabung

Oberflügelöffner „Schmal“

funktioniert sicher und geräuschlos.

Felix Beran, bautechn. Bureau, Zürich.

Tague, Bucher & Cie.

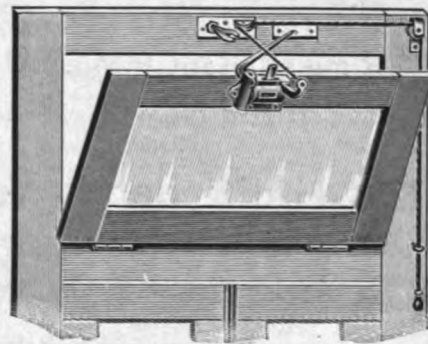
Gottfried Stierlin's Nachf. in SCHAFFHAUSEN

fabriren und liefern als Spezialität:

Tür- und Fenster-Beschläge

in anerkannt bestbewährten und modernen Systemen.

Fabrikations-Spezialitäten:



Oberlichtverschluss

„UNION“ Das Non plus ultra auf den
Gebieten der Schnurzug-Ober-
lichtverschlüsse. Solid, el-
gant, fabelhaft leicht anz-
schlagen und zu bedienen.
Schliesst fast ganz geräusch-
los und absolut dicht. Ein-
ziger Schnurzugverschluss
bei welchem Beschädigung
der Schnur ausgeschlossen
ist. Ueberall sehr gut ein-
geführt.

Türschliesser, diverser, bestbekannter Systeme mit Federspannung. —
Türschliesser, pneumatisch. — **Türschliesser**, hydraulisch, System
Blount, neuester Konstruktion.

Windfangfedern diverser Systeme. — **Federcharniere** und **Feder-
fischbänder**. — **Spiralfeder-Pendeltürbänder**, amerik. System, in
Stahl, Messing und Bronze massiv oder in Stahl feinst vernickelt, ver-
messingt oder verkupfert. — **Oberlichtbeschläge**, Patent und ordinär
— **Ventilationsklappen** mit Federcharnieren.

In allen Artikeln und couranten Grössen, grosses Lager.

Älteste und einzige schweiz. Spezialfabrik für Tür- und Fensterbeschläge

**HÜRTGEN-
LÜFTER**

Regensicher

STERNLÜFTER
mit parallelem Hub

Hürtgen, Mönnig & Co.

**KÖLN:
LINDENTHAL**

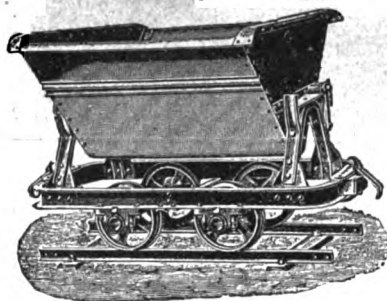
Verkauf und Vermietung
von **Material und Werkzeugen**
für Bauunternehmungen.

Kompl. Rollbahngleise auf Stahlschwellen
montiert, in allen couranten Profilen u. Spurweiten.

Weichen, Drehscheiben, Kreuzungen

Kippwagen

Plattformwagen, Stahlgussräder, Radsätze



Zentrifugal-Pumpen

Membran- oder Diaphragmapumpen
für Hand- und Kraftbetrieb.

Hebe-Werkzeuge

Flaschenzüge, Winden, Wellenböcke
Laufkatzen, Materialaufzüge

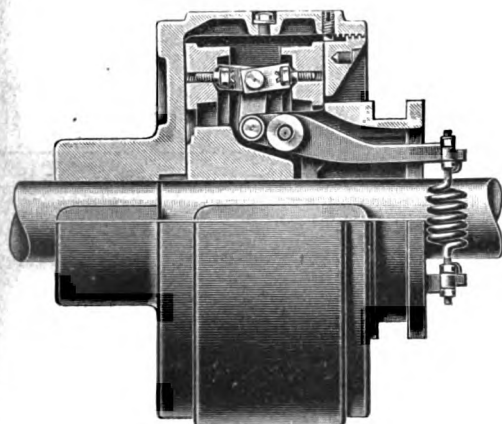
Bau-Lokomotiven — Lokomobilen

== **Motoren** ==

Prospekte und Kostenanschläge gratis und franko.

BENN KUPPLUNG

Patentiert in allen Industriestaaten
und überall als die **beste** und **zuverlässigste** Reibungskupplung anerkannt



Reibungsflächen Eisen auf Eisen
Keine Holzbacken
Reibungsflächen laufen in Oel
Vollständig geschlossen
Reibungsflächen scheibenförmig
Keine vorstehenden Teile

Zum Ein- oder Ausrücken bei jeder Kraft und Geschwindigkeit während
des Betriebes.

TRANSMISSIONEN

KOMPLETTE ANLAGEN FÜR ALLE INDUSTRIEZWEIGE.

SELLERSLAGER mit RINGSCHMIERUNG, mit herausnehmbarer unterer Laufscheibe, + Patent, als
FESTE STEHLAGER mit herausnehmbaren Weissmetall- oder Bronzeschalen für Massiv- und Hohlwellen
Stehlager, Hängelager, Wand- und Säulen-Konsollager.

GESELLSCHAFT der L. von ROLL^{SCHEN} EISENWERKE.

EISENWERK CLUS.

Nartmann, Vallette & Co., Brugg und Genf

Brücken:

Eisenbahn- u. Strassenbrücken.
Ueber- und Unterführungen.

Fabrikbau-Konstruktionen

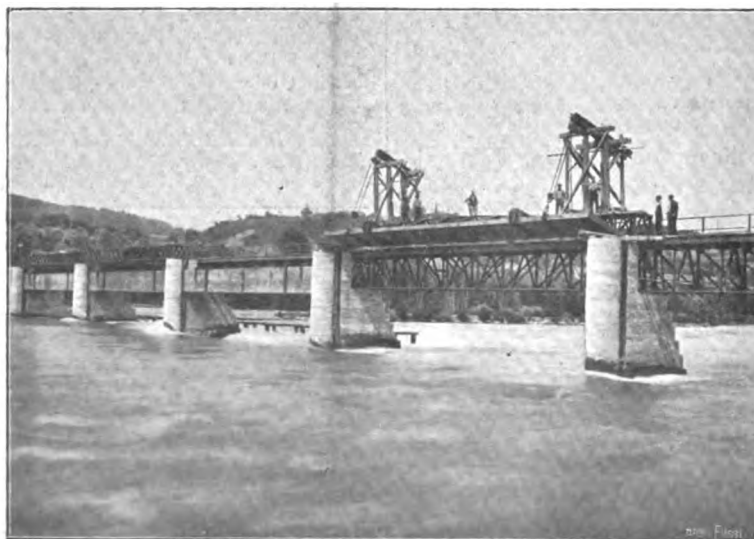
oder Art, als Konstruktionen
für Shed-, Sattel-, Holzsement-
dächer, Riegelwandfachwerk,
Säulen u. Untersüge, Oberlichter,
Treppen, Wellblechbauten, Vor-
dächer.

Kranen:

aufkranen mit Stützen u. Bahn,
Bockkranen, Aufzugstürme.

Gasbehälter, Reservoirs

ernietete Röhren und eiserner
Unterbau für schwimmende
Badanstalten.



Hotels u. Warenhäuser.

Binder- und Säulenkonstruk-
tionen über grosse Säle und
für Umbauten.

Glittermaste

für elektr. Leitungen u. Bahnen,
Bogenlampen, Seilbahnen.

Stauwehr-Anlagen.

Schleusen.
Aussichtstürme.

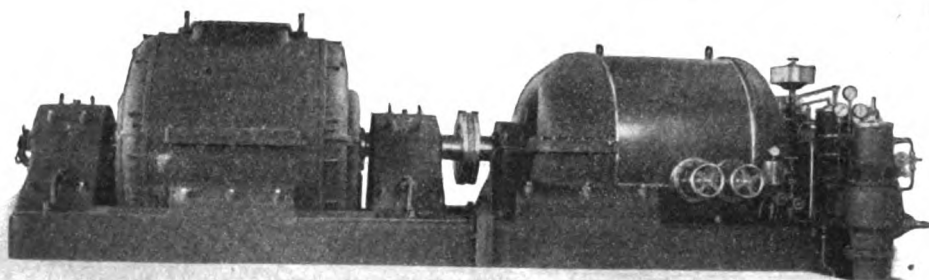
Grosses Materiallager
und daher
möglichst schnelle Lieferung.



MASCHINENFABRIK OERLIKON

OERLIKON BEI ZÜRICH

TELEGR.-ADR: USINE OERLIKON

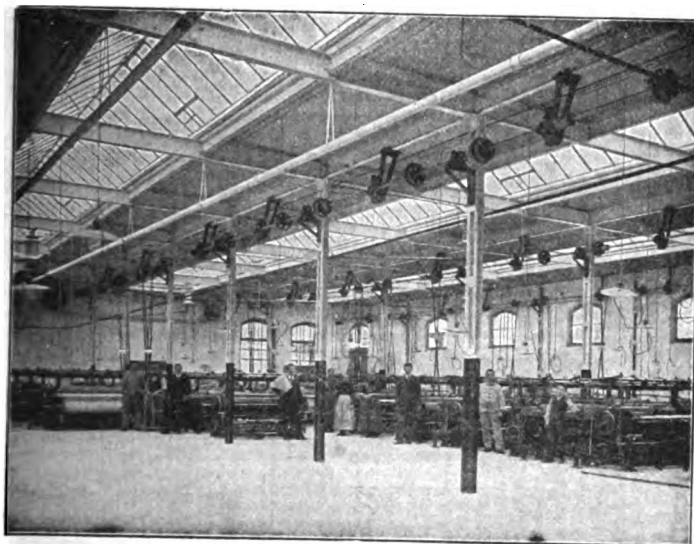


Dampfturbinen

Direkt gekuppelt mit Generatoren für Gleichstrom, Wechselstrom und Drehstrom



Dachkonstruktion für Fabrik-Bau



Vorteile:

1. Unabhängigkeit der Gebäudelage von der Himmelsrichtung.
2. Geringstes Gewicht bei sehr guter Isolation.
3. Unübertroffene Lichtwirkung spezieller Lüftungsvorrichtungen.
4. Rasche und billige Erstellung bei jeder Jahreszeit.
5. Beste Eignung auch für schwierigste klimatische Verhältnisse.
6. Leichte und rationelle Anbringung von Transformatoren.

Empfohlen als rationellstes System

Maschinenfabriken, Werkstätten, Glaserereien, Elektrische Spinnereien, Weberereien, Bleicherereien, Färbereien, Lagerhäuser, Markt- und Güterhallen

Patent-Inhaber:

Séquin & Knobel, Rütli

Zivil-Ingenieur-Bureau für modernen Fabrikbau

Vertretung und Ausführung:

KOHN & Oel., vorm. E. Baumberger & Koch,

Unternehmung für Dachkonstruktionen und Bodenarbeiten.



Handels-
Marke

Draht, Drahtseile, Drahtwaren

Felten & Guilleaume-Lahmeyerwerke Act.-Ges.

Abt. Carlsw
Mülheim a.

Vertreter für die Schweiz:
Kägi & Co., Winterthur.

Sämtliches Leitungsmaterial
für Schwach- u. Starkstrom

Handels-
Marke



Immer Schaden durch das eingekittete Glasdach!

Kittlose + Patent No. 37200.

Glasdächer

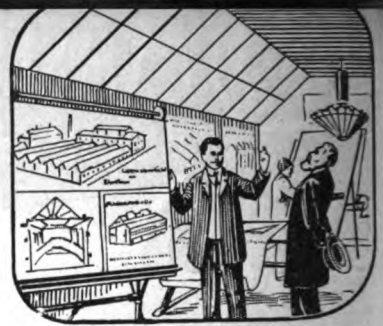
Shedfenster Shedrinnen

..... System G. Zimmermann

Generalvertreter für die Schweiz:

M. ERNST, THALACKER 21, ZÜRICH I.

Telephon 6996.

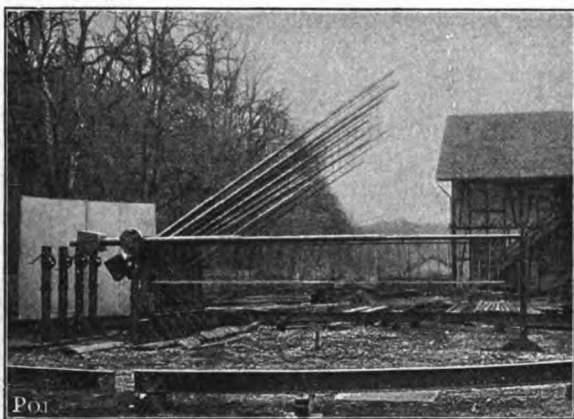


Dauernd geschützt gegen Regen und Schwitzwasser!

Gesellschaft der

Ludwig von Roll'schen Eisenwerke

Filiale: Giesserei Bern liefert:



Lebezeuge jeder Art als **Laufkräne**, und feste oder fahrbare **Drehkräne** für Hand- und speziell **elektrischen** Betrieb; **Aufzüge** für hydraulischen, **elektrischen** und Transmissionsbetrieb.

Eisenbahnmaterial als **Drehscheiben** und **Schlebebühnen** für Wagen und Lokomotiven; Hand- **Dampf-** und **elektrischer** Betrieb. **Welchen** für **Haupt-** u. Nebenbahnen, für **Vignol-** u. **Rillen-Schienen**. **Barrieren** mit und ohne Verriegelung und Vorläuten.

Seilbahnen für Güter- und Personentransport. (Eigene **patentirte** Systeme). Seit 1898 37 Touristen-Seilbahnen ausgeführt oder in Arbeit.

Schleusenanlagen, **Schützenwehre**, **Walzenwehre** für Hand- und elektrischen Antrieb.

Angaben über zahlreiche Ausführungen, Referenzen, Projekte und Kostenvoranschläge stehen zu Diensten.

KESSELSCHMIEDEARBEITEN:

Reservoir für div. Flüssigkeiten.
Boiler für Kochherde & Centralheizungen.
Kochkessel für div. Industrien.

H. VOGT-GUT, ARBON.

Gährbottiche, Kühlschiffe, Lagerfässer,
für
Bierbrauereien.

Transportgefäße, Transportwagen
Referenzen. Prospekte.

Tague, Bucher & Cie.,

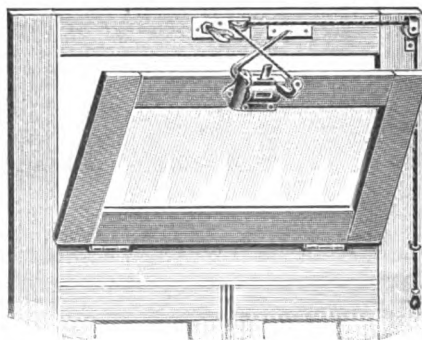
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In allen Artikeln und couranten Grössen, grosses Lager.

Altteste und einzige schweiz. Spezialfabrik für Tür- und Fensterbeschläge.

C. WÜST & CIE

SEEBACH - ZÜRICH

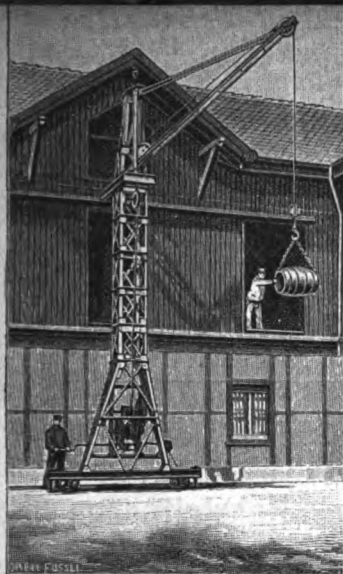
liefern erstklassige

Elektr. Aufzüge

für

Hotels
Geschäftshäuser
Villen etc.

Hunderte von Ausführungen innert wenigen Jahren. — Feinste Referenzen.



J. Huegler, Basel

liefert als Spezialität

**Personen-
Waren-
& Speise-
Aufzüge**

für elektrischen und
hydraulischen Betrieb

Kranen aller Art
(Laufkranen, Dreh-
kranen etc.) : : : :

für elektrischen und Hand-
betrieb.



**F. & C. ZIEGLER
SCHAFFHAUSEN
SCHWEIZ**

Staubsaug-Apparat „Gnom“

Neuester Staubsaugapparat mit elektr.
oder Handantrieb, zur staubfreien Rei-
nigung von Teppichen, Möbeln, Por-
tieren, Tapeten, Fussböden etc. —
Leichttransportabel. — Zweckmässige,
allen Anforderungen der Hygiene ent-
sprechende Konstruktion. — Rasche
Filterreinigung und Staubentleerung
ohne irgendwelche Belästigung der
bedienenden Personen.

Solides, gutes, Schweizerfabrikat.

F. & C. Ziegler, Schaffhausen.

Thonwerk Biebrich A.-G.

Chamottefabrik

Biebrich am Rhein.

Hochfeuerfeste u. säurebeständige Produkte.

Normal- und Façonsteine aller Art, Chamottemörtel,
Retorten, Muffeln etc. Bau kompletter Ofenanlagen.

Beste Referenzen und Zeugnisse aus der Schweiz.

Regensicher ★ Ges. gesch.

D.R.P.
**HÜRTGEN-
LÜFTER**

STERNLÜFTER
mit parallelem Hub

Hürtgen, Mönnig & Co. **KÖLN-
LINDENTHAL**

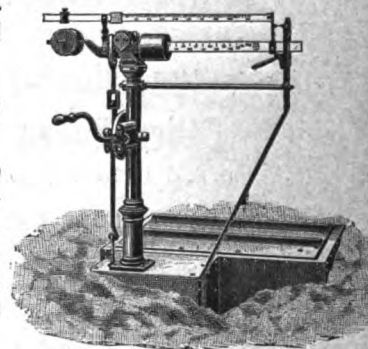
J. AMMANN & Co.,

Waagenfabrik, Ermatingen.

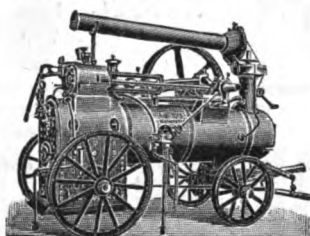
Zweigfabrik und Verkaufs-
magazin in **ST. GALLEN**
H. WILD, Eichmeister.

**Waagen in allen
Konstruktionen,**

von 1 bis 50 000 kg Trag-
kraft. Lieferanten für eidg.
Post und Zoll, Direktion
der eidg. Bauten, eidg.
Konstr.-Werkstätte, Bundes-
bahnen usw.



HEINRICH LANZ, Mannheim.



Lokomobilen
für **Satt- und
Heißdampf**

Schweizer Verkaufsbureau:

K. Röhle, Zürich I, Bahnhofstr. 51 (Mercatorium).

Ueber 19000 Stück verkauft.



Heinrich Brändli, Horgen
Asphalt-, Dachpappen- u. Holzzement-Fabrik

liefert:

Asphaltplatten, kombiniert mit Jute- und Filz-Einlage
bekiest, besandet oder glatt, für wasserdichte Ei-
deckungen bei: Eisenbahnen, Strassen, Hoch- und Tie-
bau-Arbeiten, mit Garantieübernahme. — Referenzen
zu Diensten.

Telegramme: Heinrich Brändli, Horgen. ✻ Telepho

Accumulatoren

für alle Zweige der Industrie:

für Zentralen, Fabriken, Private, Laboratorien,
Automobile, Schiffe, Waggonbeleuchtung usw.

liefert

Accumulatoren-Fabrik Oerlikon

in **OERLIKON** bei Zürich.

Bureau für die Westschweiz: **LAUSANNE, Chemin Violet 7**

A. RIEBER, Maschinenfabrik, Reutlingen (Württembg.)

Fernsprecher Nr. 46.

Gegründet 1879.

Telegr.-Adr.: Rieber, Reutlingen.

Filialen in Frankfurt a. M., Taunusstrasse 44 und Lörrach in Baden.

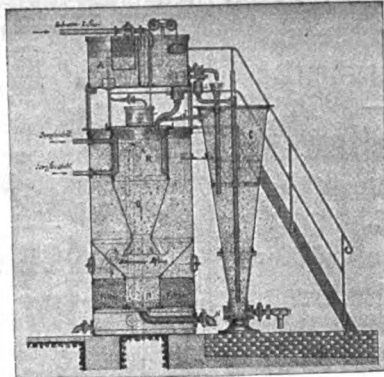
Autogen
geschweisste



DAMPFHEIZUNGSRÖHREN

u. Façonstücke
in allen Dimensionen.

Wasser-Reinigungs-
für Nutz-



und Filter-Anlagen
u. Abwässer.

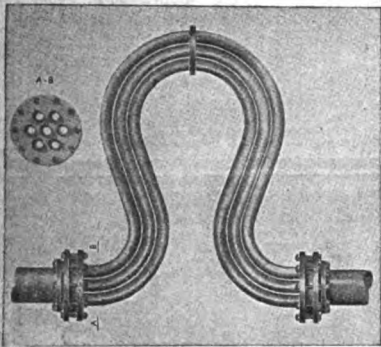
Zentralheizungen

für **Niederdruck**, Mitteldruck und Abdampf.

Trocken- und Kühl-Zylinder.

Feder-Bogen

D. R. G. M. Nr. 284 150.



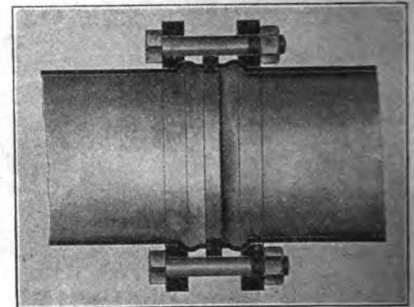
Färbe-Apparate D. R. P.

**Bleich-,
Koch-
Kessel.**



Autogen
geschweisstes
Façonstück.

**Doppel-
Kessel.
Autoclaven.**



Düsseldorfer Röhrenindustrie Düsseldorf-Oberbilk

empfiehlt

schmiedeeiserne Röhren bis 1200 mm Durchmesser,
gerade und gebogen,

für Dampf-Leitungen, Wasser-Leitungen, Turbinen-Leitungen, hydraulische Anlagen,
Kondensations-Anlagen etc. mit allen erforderlichen Verbindungen u. Formstücken.

Vertreter für die Schweiz: **G. A. Bourgeois-Richter, Ing., Zürich II, Breitingenstr. 5.**



Schweiz. Patent ang.

Kittlose Shed-Dachfenster
Oberlichte und andere **Glasdächer**

absolut wasser- und schneedicht; kein Abtropfen von Schwitzwasser
empfiehlt

J. EBERSPACHER, in ESSLINGEN a. N. (Württemberg).

Ueber 500,000 qm bereits verlegt.

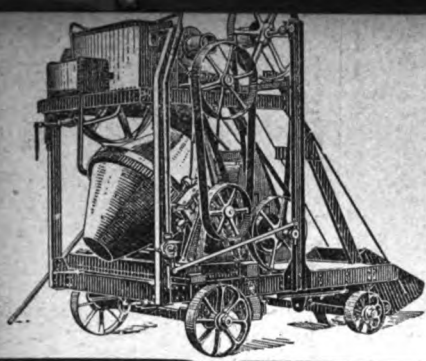
Prospekte und Zeichnungen, sowie genaue Kostenanschläge stehen zu Diensten.

Auf Wunsch unentgeltlicher Ingenieurbesuch.

Vertreter für die Schweiz: **MARTIN KELLER, Zürich I. TELEPHON 5857.**



Schweiz. Patent ang.



Sensationelle Erfindung (Patent)!

Der neue amerikanische

Beton-Mischapparat „Smith-Milwaukee“

übertrifft an Leistung u. Einfachheit der Konstruktion alles bisher in dieser Richtung Gebotene.

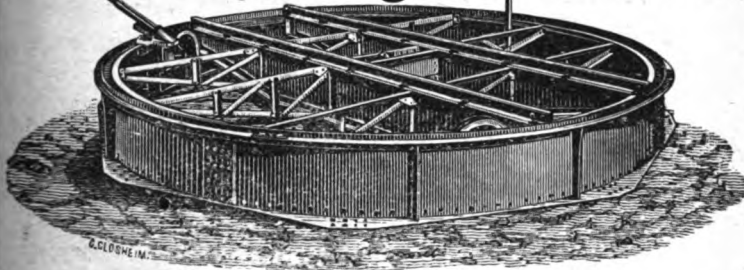
Allein-Fabrikanten für Deutschland und angrenzenden Ländern:

DRAISWERKE G. m. b. H., Mannheim - Waldhof.

Interessenten belieben sich an unsern Generalvertreter für die Schweiz:

Fritz Marti, Aktiengesellschaft in Bern, zu wenden.

Joseph Vögele Mannheim



liefert seit 1842:
Welchen jeder Bauart und Spurweite für Haupt- und Nebenbahnen;
Federzungenwelchen, Patent Bohmer Verein.
Herzstücke; Kreuzungen;
Drehseiben und Schlebebahnen für Lokomotiven und Wagen, mit Hand-, Dampf- und elektr. Antrieb.
Rangierwinden, Spills, elektr. angetrieben,
Stellwerke, Schlagbäume.

Vertreter für die Schweiz:

W. Wolf, Ing., Zürich.

LUXFER-PRISMEN

erhellen dunkle Räume durch **TAGESLICHT.**



Kellerbeleuchtung durch Einfalllichte.
Für bestmögliche Lichtausnutzung verlange man unsere
kostenlosen Voranschläge.

Feuersichere Fenster aus Elektroglass.

Broschüren und amtliche Gutachten durch das
Deutsche Luxfer-Prismen-Synd.
G. m. b. H. Berlin S., Ritterstrasse 26.

Fabriken in Berlin u. Bodenbach a. E.

ALLEINVERTRETER für die Ostschweiz: ROB. LOOSER, ZÜRICH V.
Kreuzplatz Nr. 1. Telefon Nr. 652.

Heliographie- und Paus-Papiere
Lichtpausen
in **Heliographie**
in



Schweiz. Lichtpaus-Anstalten A.-G. vorm.
Hatt & Co., Zürich,
Telephon. Filiale in Bern.



Gelochte und gepresste Bleche.

Heizkörperverkleidungen,
Plättchengehänge, Zierbleche.
Ernst Meck, Nürnberg
Hoflieferant, gegr. 1851.

GRAND PRIX
Paris 1889

Kern & Co. Aarau

Gegründet 1819 — 20 erste Auszeichnungen.

ERSTKLASSIGE INSTRUMENTE
für

Topographie, Geodäsie, Astronomie.

Präzisions-Nivellierinstrumente und Miren.

Beste Optik der Neuzeit.

Libelle Zwicky-Kern 22 Dosenlibelle Mollenkopf
Wesentliche Konstruktions-Neuerungen.

222 FEINSTE 222

Schweizer **Präzisions-Reisszeuge.**

Patente: { Zirkelkopf, bei welchem Feststecken der Axe und toter Gang ausgeschlossen.
Geradehalter der Kopfgriffe.
Reissfeder Ideal, z. sofortigen Wiedereinstellen auf innegehabte Strichstärke nach Reinigen der Nadelregulator etc. etc. [Feder.

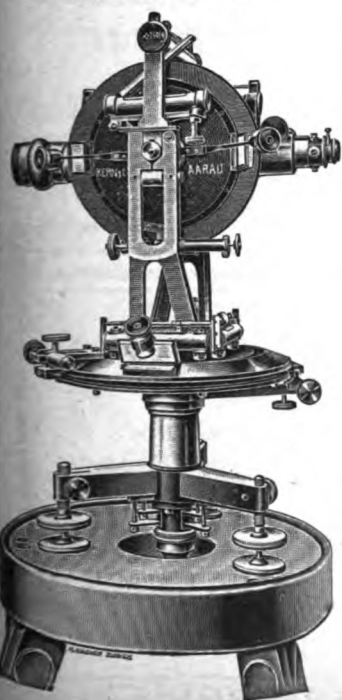
Alle unsere Instrumente
tragen unsere gesetzlich
geschützte Fabrikmarke.



NEUESTE KATALOGE.

Telegramme: Kern Aarau.
Telephon.

Grand Prix Mailand 1906





K. Stolz

Eisengiesserei und Apparatebauanstalt Stuttgart VIII

Transport-Anlagen
für Massengüter jeder Art.

Elevatoren

Transporteure

Transportschnecken

Hängebahnen etc.

Kesselbeschickungsanlagen

Kohlentransportanlagen

Zerlegbare Treibketten

Stahlbolzenketten

und Kettenräder

Kataloge und Prospekte zur
Verfügung.

Erstklassige Referenzen.



Stall-Einrichtungen



Gold. Medaille: Zürich, Bern, Genf.
Gebr. Lincke, Zürich.



DURABO-Oel- und -Glanz-FARBEN

sind wissenschaftlich begründet u. praktisch bewährt als beste, wetterfeste u. rostschützende Farben für alle Zwecke.

Filial-Fabrik: G. Labitzke, Zürich III.

EDMUND SIMON, DRESDEN-A. 7.

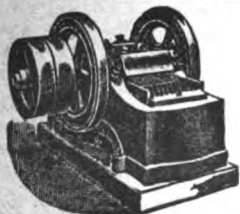
Ventilationsanlagen und Trockenanlagen
herstellt J. P. BRUNNER, OBERUZWIL.

Mannheimer Eisengiesserei u. Maschinenbau A.-G.

Gegründet 1863 MANNHEIM Gold. Medaille Paris 1900

Liefert als Spezialität in anerkannt vorzüglicher Ausführung:

Zerkleinerungsmaschinen



Steinbrecher — Walzwerke

Kugelmühlen

Kollergänge — Desintegratoren

Schotteranlagen

Kieszerkleinerungsanlagen

Siebtrommeln u. Schüttelsiebe

Neu! Steinbrecher kombiniert mit Schüttelsieb Neu!
Gesetzl. geschützt. ohne besonderen Antrieb. Viel bewährt.

1a Referenzen im In- und Ausland.

Zementröhren-Formen

aller Systeme.

Henri Weber, H. Kieser's Nachf., Zürich, Gottfried Kellerstr. 7

Ältestes Geschäft dieser Branche. (Gegründet 1867.)

Diplom der schweizer. Landesausstellung Zürich 1883.

Dipl. I. Kl. der kant. Gewerbeausstellung Zürich 1894.

Silb. Med. der schweiz. Landesausstellung Genf 1896.

Mechan. Bauschreinerei und Parquet-Fabrik Stuber & Co., Schüpfen (Bern)

empfiehlt:

Parquets in allen Holzarten, vom einfachsten bis reichsten Dessin.

Bauschreinerarbeiten,

Fenster und Türen als Spezialität.

Prompte Bedienung. Vortreffliche Preise. Man verlange Offerten.



Aktien-Gesellschaft „Union“ in Biel

FABRIK IN METT.

I. Schweizerische Fabrik für elektrisch geschweisste Ketten

+ Patent Nr. 27199.

Ketten aller Art

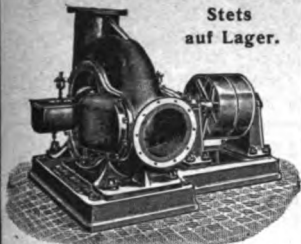
für industrielle und landwirtschaftliche Zwecke.

Grösste Leistungsfähigkeit. Ketten von höchster Tragkraft.

Pumpen

bewährteste Ausführung,
Riemen- od. elektr. Antrieb,
Praktischste, billigste Pumpe
jeder Grösse
für jede Flüssigkeit.

Stets
auf Lager.



Bopp & Reuther, Mannheim.

Präzisions-

Reisszeuge.

Clemens Riefler,
Nesselwang u. München
(Bayern).

Gegründet 1841,
„Paris 1900 Grand Prix“
Illustrierte Preislisten gratis
Die Zirkel der echten
Rieflerreisszeuge
sind am Kopf mit dem
Namen RIEFLER
gestempelt.

Marmor - Arbeiten Polierte Granite

liefert in jeder Art

Emil Schneebeli
Zürich,

Marmor- & Granit-Industr.
Eigene Säge- und Polier-Werke.

Plastische Malerei

Vornehme, künstlerische Flächenbelebungs-Plastik.
Billiger und effektvoller als Stuck.

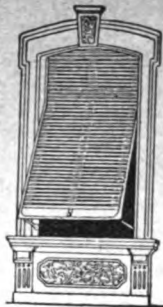
Da Handarbeit, bringt sie stets originale
Motive und passt sich der architektonischen
Konstruktion und dem Charakter des Innen-
raums vollendet an. — Kulante Preise. —
Photographie von ausgeführten Arbeiten, so-
wie Kostenberechnungen werden auf Wunsch
gerne eingesandt.

Fritz Schmassmann, Winterthur

Atelier für moderne Dekorationen.

Rolladenfabrik

Horgen (Schweiz).



Holzrolladen
aller Systeme
Rolljalousien,
automatisch.

Roll-
Schutzwände
verschiedener
Modelle.

Verlangen Sie Prospekte!

CARL MÜLLER
ZÜRICH
Patent-Bureau
~ PRIMA
REFERENZEN ~

A. Jucker, Nachfolger von
Jucker-Wegmann

Papierhandlung zum Recht
Schiffhände No. 22, Zürich

Grosses Lager von Paus-
papieren, Pausleinen und
Zeichnenpapier, Rollen u.
Bogen in nur vorzüglichen Qualitäten.

Holzzementpapier, Dachpappen
Bodenbelag- und Teppich-
Unterlag-Papiere.

Wir bitten die werten
Leser, bei Berücksichtigung
der Anzeigen auf die

„Schweizerische
Bauzeitung“

Bezug nehmen zu wollen.

Stillen oder aktiven Teilhaber

mit grösserer Kapi-
talanlage sucht ein
flottgehend. Fabrikations-
geschäft d. modernen Ge-
sundheitstechnik zur sehr
aussichtsreichen Ausdeh-
nung, um dem immer mehr
steigenden Absatz ge-
nügen zu können.

Das Geschäft ist sehr
gut eingeführt und ar-
beitet seit 10 Jahren fast
ohne Konkurrenz mit nach-
weisbar grossem Nutzen
und sehr solider, aus-
gebreiteter Kundschaft des
ganzen Kontinentes

Für stillen Teil-
haber hoch verzins-
liche und sichere
Kapitalanlage und
für Aktiven noch eine an-
genehme und sichere Le-
bensstellung nebst hohen
Gewinnchancen.

Das Geschäft kann
später nach Rücktritt des
Firmainhabers (alters-
halber) käuflich erwor-
ben werden.

Seriöse Selbstreflektan-
ten wollen sich melden
unter Angabe der bisher.
Tätigkeit, Alter, Refe-
renzen etc. u. maximale
Beteiligungssumme.

Offerten unter Chiffre
ZE 11630 an die Annonc.-
Expedition
Rudolf Mosse, Zürich.

Elektromotoren

für Gleich-, Wechsel- u. Drehst.
liefern billigst unter voller Garan.

Ed. Schlaepfer & Cie

Elektr. Anlagen Zürich
Miete — Umtausch.

Fensterfabrik
und Glaserei

J. G. KIEFER

Werkstätte und Bureau:
Seefeldstrasse 153

Zürich

la. Referenzen.

Alleiniger Inhaber des
Schweiz. Patentes Nr. 27008
für moderne

Oberlichtscheren.

Ausser unsern bewährten

Spezialmarken
Antifrictionsmeta



liefern wir prompt:

jede Legierung

mit Gehalt genau nach Vor-
schrift od. Muster u. leisten bis
auf 1/2 % Latitude Garantie

Vestit Metall A.

Fabrik in Zürich.

Spezial-Maschinenfabrik
für Cementverarbeitung

Hebelpressen
Kugelpressen, Knie-
hebelpressen u. hydr.
Pressen neuester Systeme.
Formen für Platten,
Cementbausteine,
Kaminsteine,
Ballustraden, Dach-
ziegel und
Treppenstufen

M. KOCH, Eisengiesser
ZÜRICH

Telephone 670
BASEL PATENT-TECHN. BUREAU BASEL
MARKEN MUSTER
MODELLE
PATENTE
VERWERTUNG
CONSULTIERENDER INGENIEUR
A. HUG & CO.

Emil Steiner

Mech. Werkstätte und
Maschinenhandlung
Wiedikon - Zürich
empfiehlt sich zur Lieferung
von neuen und gebrauchten

Werkzeugmaschinen aller Art,

Drehbänke, Bohrmaschinen,
Hobelmaschinen, Feldschmieden etc.

Transmissionen

in allen Systemen u. Dimen-
sionen. Stets grosses Lager
in gebrauchten und neuen
Wellen, Riemenscheiben, Räng- u. Stehlager
zu billigen Preisen.

PATENT-BUREAU
E. BLUM & CO. DIPL. INGENIEUR
GEGRÜNDET 1878 - ZÜRICH - BAHNHOFSTR. 74

gesucht.

Ein älteres, solides, in Basel sehr gut eingeführtes Baugeschäft sucht infolge Krankheit eines Teilhabers aufs Frühjahr einen tüchtigen, kapitalkräftigen **Techniker** für aktive Beteiligung. Günstige Gelegenheit für soliden Fachmann, sich selbstständig zu machen. Erforderliches **Kapital 80—100,000 Fr.**

Offerten mit Angabe der früheren Tätigkeit unter Chiff. B. R. 7609 an **Rudolf Mosse, Basel.**

Maschinenfabrik sucht

tüchtigen

Techniker

für die Konstruktion von Ziegeleimaschinen. Erfahrungen im Ziegeleifache unerlässlich. Anmeldungen mit Angabe des bisherigen Lebenslaufes, Gehaltsansprüchen, Eintrittszeit etc. unt. Chiffre Z. A. 11626 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Junger Bauzeichner,

der tüchtig ist und Kenntnisse in der Verfertigung von einfacheren Perspektiven besitzt, **findet** unter Angabe der Gehaltsansprüche und Einreichung der Zeugnisse sofort **Stellung.** Offerten sub Chiff. Z. L. 11736 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Buchhalter-Stelle

offen.

Bei **Belart & Cie, Baugeschäft in Olten**, ist eine Buchhalterstelle offen. Anfangsgehalt **Fr. 200.—** per Monat. Kenntnis der doppelten Buchführung und der italienischen Sprache unerlässlich. Französisch erwünscht. — **Lebensstellung.** — Bewerber, welche schon in einem Baugeschäft tätig waren, erhalten den Vorzug.

Gesucht:

Bautechniker,

tüchtiger Zeichner, selbstständig im Ausarbeiten von Bauplänen. Guter Gehalt, dauernde Stelle. Offerten unter Chiffre Z. F. 11856 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Tüchtiger

Bautechniker

kann sich an einem gut eingeführten älteren Baugeschäft am Zürichsee mit 2—3000 Fr. Einlage beteiligen.

Offerten unter Chiffre Z. B. 11777 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Architekt,

tüchtiger Zeichner u. Praktiker. Gehalt je nach Leistungen bis **Fr. 400.—** monatlich. Stelle dauernd.

Offert. unt. Chiff. Z. E. 11855 an die Annoncen-Expedition **Rudolf Mosse, Zürich.**

Gesucht.

Ein junger, tüchtiger

Zeichner

zur Herstellung von Werkstattzeichnungen und Pausen.

Offerten und Musterzeichnung unter Chiffre Z. P. 11740 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Bauingenieur

gesucht, von Bauunternehmung, als selbständiger Bauführer für eine Wasserwerksbaute mit Stollenanlage, im Tyrol. Energische, tüchtige und erfahrene Reflektanten wollen Offerte unter Beilegung von Zeugnissen über frühere Tätigkeit, sowie mit Angaben über Zeit des Eintrittes, Gehaltsansprüche, ev. Sprachkenntnisse einreichen sub Chiffre Z. T. 11994 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Jüngerer

Ingenieur od. Geometer

wird **gesucht** bei möglichst baldigem Eintritt in ein Ingenieurbureau für Wasserbauten. Offerten sub Chiffre B. D. 22 an

Rudolf Mosse, Basel.

Un architecte-dessinateur,

aquarelliste, élève du prof. Popper, sachant le français et l'allemand, **cherche place.**

E. Mayor, Motier-Vully.

Apoth., 22 J. alt, gute Handschr., Vater selbst Baugeschäft,

sucht in gutgehendem **Baugeschäft Stellung.**

Familienanschluss erwünscht. Offert. mit Entschädigungsangabe unt. Chiff. Z. S. 11718 an d. Annonc.-Expedition

Rudolf Mosse, Zürich.

Student

im IV. Jahreskurs der Ingenieurschule, willig und arbeitsam, **sucht** bei bescheidenen Ansprüchen

Rushilfestellung

auf **Bau** oder **Bureau.** Offert. sub Chiffre Z. B. 11702 an die Annonc.-Expedition

Rudolf Mosse, Zürich.

sucht sichere Stelle. Beste Zeugnisse. Gefl. Offerten unter Chiffre Z. M. 11612 an **Rudolf Mosse, Zürich.**

Junger Architekt

mit 5 Semester Hochschulbildung (Karlsruhe, Stuttgart, München) und mit ca. 4 Jahren Praxis bei ersten Architekturfirmen,

sucht auf Ende November pass. **Stellung.**

Anfragen unt. Chiffre Z. A. 11776 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Werkführer,

35 Jahre, verh., gelernter Schlosser und Dreher, im Dampfmaschinen-, Motoren- und allgem. Maschinenbau tüchtig und erfahren, im Lohn- und Akkordwesen vertraut, an zielbewusstes, rationell Arbeiten gewöhnt,

sucht baldigst Stelle als **Werkführer od. Werkmeister.**

Ia. Zeugn. u. Referenzen. Gefl. Off. unt. Chiff. Z. D. 11804 an d. Annonc.-Expedition **Rud. Mosse, Zürich.**

Elektrotechniker,

Schweizer, 30 Jahre alt, Absolvent eines Technikums, mit 10jähriger Praxis im Bau u. Betrieb von Starkstromanlagen, mit Kenntnissen der französischen u. italienischen Sprache, **wünscht sich zu verändern** und reflektiert auf dauernde Stelle.

Offerten unter Chiffre Z. O. 11864 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Techn. Zeichnungen, Pausen, Berechnungen etc.

werden sauber und billig ausgeführt von dipl. Tiefbautechniker. Offert. sub Chiffre A²d. an die Ann.-Exp.

Rudolf Mosse, Bern.

Junger

Bautechniker

sucht Stelle in Bureau auf 15. November. Gefl. Offerten unt. Chiff. Bl. 1826 Y. an

Haasenstein & Vogler, Biel.

Dessinateur-mètreur

agé de 24 ans, **cherche place** chez architecte ou entrepreneur. Ecrire B. H. 19, poste rest. **Lausanne.**

Hochbautechniker

mit mehrjähriger Bau- und Bureau-praxis **sucht** auf 1. Dezember

Stellung.

Offerten unter Chiffre Z. A. G. 2451 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Geometer u. Tiefbautechniker

mit mehreren Jahren Praxis auf Vermessungs-, Bahn- und Wasserbau-Bureau, Ingenieurbureau und Tiefbauunternehmungen **sucht** baldiges **Engagement.** Offert. unt. Chiff. Z. J. 12009 an die Annonc.-Exp.

Rudolf Mosse, Zürich.

mit 5jähr. Praxis **sucht dauernde Stelle.** Zeugnisse zu Diensten. Gefl. Offerten unt. Chiffre Z. J. 11934 an die Annoncen-Expedition **Rudolf Mosse, Zürich.**

Junger, tüchtiger

Bautechniker

mit mehrjähriger Praxis **sucht** per sofort auf Architekturbureau oder Bauplatz **Stellung.**

Offerten sub Chiffre Z. Z. 11950 an

Rudolf Mosse, Zürich.

Innenarchitekt

und

Möbelzeichner

mit prima Empfehlungen **sucht sich zu verändern**

Gefl. Offert. unt. Chiffre Z. O. 11939 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Zu verkaufen

Luegers Lexikon

der ges. Technik, verhältnissmässig mit Einschlag in Raten abzugeben. Offerten sub Chiffre Z. Z. 11975 an

Rudolf Mosse, Zürich.

Sehr gut erhaltene, vertikale

Kolbenpumpe

für Wasser, 10 Atm. Druckhöhe, Leistung per Minute 400 Liter, mit Räderbetrieb, Voll- und Leerrolle,

zu verkaufen.

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Rudolf Mosse, St. Gallen.

Glasierte

Wandplatten

einer bedeutend. deutschen Fabrik wegen Jahres-Abnahme **billig abzugeben**, speziell weiss Viereck I, II. und III. Wahl.

Nur Abnehmer von 10000 Kilogr.-Ladungen belieben Ihre gefl. Anfragen zu richten unt. Chiffre F. St. 4857 an die Annonc.-Expedition

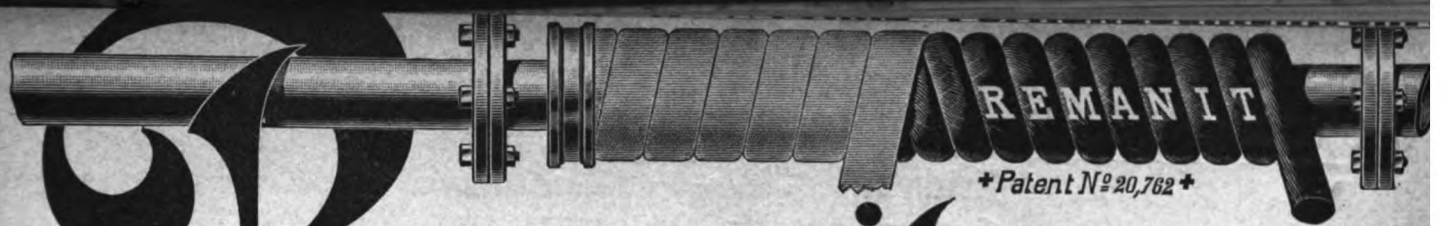
Rudolf Mosse, Zürich.

Bagger-Maschine

mit eisernen Pontons, 10 m lang, Bagbertiefe 3 m, sich selbst freibaggernd mit Benzinmotor, Tagesleistung je nach Material 50-100 m³ **billigst zu verkaufen** oder **zu vermieten.** Off. sub Z. C. 10409 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Wo könnte ein jüngerer **Fachtechniker** mit etwas Bau- u. Bureau-praxis u. einigen Semestern Techn. in g. Baugeschäft eintreten huf weiter. Ausbild. in Baupraxis? Off. sub Chiff. Z. P. 1 an **Rudolf Mosse, Zürich.**



Remanit

Bestes Isoliermaterial

erzielt über 90 % Nutzeffekt!

Remanit besteht aus karbonisierten **Selden**-Zöpfen, -Polstern und -Decken

Remanit ist unerreicht als Isoliermittel für:

Zentralheizungs- u. Warmwasser-Anlagen
Kaltwasser-Leitungen

gegen Wärme-Verluste
gegen Einfrieren u. Schwitzen.

General-Vertretung
und Depot:

WANNER & C^{ie}, HORGEN.

Ausführung jeder Art Isolierungen durch eigene Facharbeiter.

Erstes Fachgeschäft für maschinentechnische Isolierungen.

Düsseldorfer Röhrenindustrie

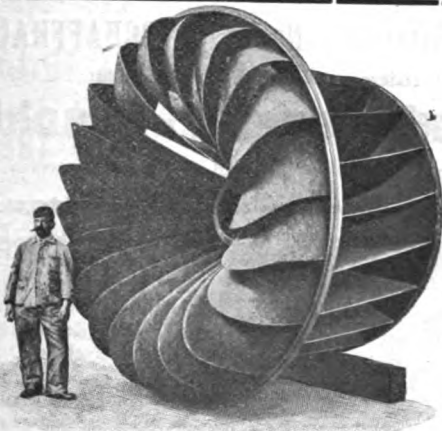
Düsseldorf
Oberbilk

empfiehlt

schmiedeeiserne Röhren bis 1200 mm Durchmesser,
gerade und gebogen, 

für Dampf-Leitungen, Wasser-Leitungen, Turbinen-Leitungen, hydraulische Anlagen,
Kondensations-Anlagen etc. mit allen erforderlichen Verbindungen u. Formstücken.

Vertreter für die Schweiz: **G. A. Bourgeois-Richter, Ing., Zürich II, Breitingenstr. 5.**



Aktiengesellschaft vormals

Joh. Jacob Rieter & Co., Winterthur

TURBINEN

neuester Konstruktion und höchstem Nutzeffekt für alle
vorkommenden Verhältnisse.

Präzisions-Regulatoren mit mechanischer u.
hydraul. Wirkung.

Transmissionen, Kesselschmiede-Arbeiten.

Ingenieur- und Baubureau **Durrer; Luzern, Habsburgerstr. 14.**

Spezialität: Bergbahnen

elektrische Bahnen, Wasserwerke.

Langjährige Praxis.

Zahlreiche ausgeführte Bauten.

Gebrüder Doll, Zürich

Spezialgeschäft für Techniker.



Fraumünster-
strasse Nr. 8.

Zeichentische diverser bewährter Konstruktionen
Lichtpausapparate, Lichtpauspapiere
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Diplom- und engl. Bristolkartons
Zeichnpapiere auf Leinwand

Aquarellfarben deutsche, französische u. englische
in Stücken, Fläpfchen u. Tuben
Gouachefarben, * Pinsel * Tuschen * Reizzeuge etc.



Gesellschaft der

Ludwig von Roll'schen Eisenwerke

Filiale: Giesserei Bern liefert:

Giesserei Bern N^o 6.
Unversenkte electr. Wagenschiebebühne



Geräte jeder Art als Laufkräne, und feste oder fahrbare
elektrischen Betrieb; Drehkräne für Hand- und speziell
elektrischen Betrieb; Aufzüge für hydraulischen, elektrischen
und Transmissionsbetrieb.

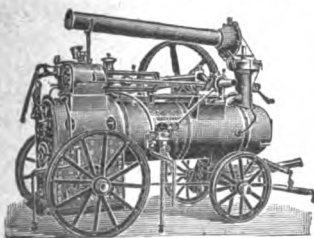
Eisenbahnmaterial als Drehscheiben und Schiebebühnen
für Wagen und Lokomotiven; Hand-
Dampf- und elektrischer Betrieb.
Weichen für Haupt- u. Nebenbahnen, für Vignol- u. Rillen-Schienen.
Barrieren mit und ohne Verriegelung und Vorläuten.

Seilbahnen oberbau; komplette Seilbahnen
für Güter- und Personentransport. (Eigene patentierte Systeme).
Seit 1898 37 Touristen-Seilbahnen ausgeführt oder in Arbeit.

Heusenanlagen, Schützenwehre, Walzenwehre für Hand-
und elektrischen Antrieb.

Angaben über zahlreiche Ausführungen, Referenzen, Projekte
und Kostenvoranschläge stehen zu Diensten.

HEINRICH LANZ, Mannheim.



Lokomobilen
für Satt- und
Heißdampf

Schweizer Verkaufsbureau:

K. Röhle, Zürich I, Bahnhofstr. 51 (Mercatorium).

Ueber 19000 Stück verkauft.

Associé gesucht

mit 50 à 60 Mille Einlage in seit vielen Jahren bestehendes

Baumaterialien-Geschäft

mit prima Kundschaft und nachweisbar hoher Rendite. Nachfragen unter
Chiffre Zag. E. 682 befördert die Annoncen-Expedition
Rudolf Mosse, Bern.

„Pat. Wroblewski-Fenster“

bester Abschluss, leichteste Handhabung.

Oberflügelöffner „Schmal“

funktioniert sicher und geräuschlos.

Felix Beran, bautechn. Bureau, Zürich.

Tague, Bucher & Cie.,

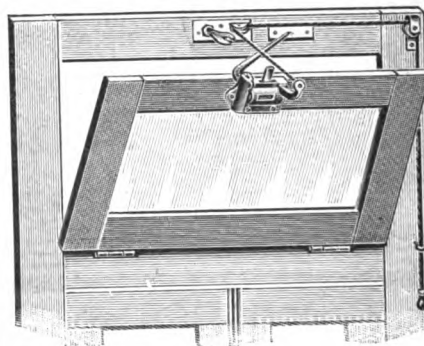
Gottfried Stierlin's Nachf. in SCHAFFHAUSEN

fabrizieren und liefern als Spezialität:

Tür- und Fenster-Beschläge

in anerkannt bestbewährten und modernen Systemen.

Fabrikations-Spezialitäten:



Oberlichtverschluss

„UNION“ Das Non plus
ultra auf dem
Gebiete der Schnurzug-Ober-
lichtverschlüsse. Solid, ele-
gant, fabelhaft leicht anzu-
schlagen und zu bedienen.
Schliesst fast ganz geräusch-
los und absolut dicht. Ein-
ziger Schnurzugverschluss,
bei welchem Beschädigung
der Schnur ausgeschlossen
ist. Ueberall sehr gut ein-
geführt.

Türschliesser, diverser, bestbekannter Systeme mit Federspannung. —
Türschliesser, pneumatisch. — Türschliesser, hydraulisch, System
Blount, neuester Konstruktion.

Windfangfedern diverser Systeme. — Federcharniere und Feder-
fischbänder. — Spiralfeder-Pendeltürbänder, amerik. System, in
Stahl, Messing und Bronze massiv oder in Stahl feinst vernickelt, ver-
messingt oder verkupfert. — Oberlichtbeschläge, Patent und ordinäre.
— Ventilationsklappen mit Federcharnieren.

In allen Artikeln und couranten Größen, grosses Lager.

Älteste und einzige Schweizerische Spezialfabrik für obige Artikel.

Bleibolle

Leitungs- und Kanalisationsrohre

+ Pat. 22786 und 31408

fabriziert und liefert die

Metallurgische Gesellschaft

Basel.

Prospekte, Zeugnisse und Preise zu Diensten.

Telephon No. 1829. Telegramm: PLOMBBI

Ein Ingenieurbureau in Zürich

sucht

einen im Bau von Wasserkraftanlagen theoretisch und praktisch durchgebildeten Fachmann als

Oberingenieur u. Vertreter d. Chefs.

Gehalt bis zu 10000 Fr. pro Jahr. Vertrauensstellung. Es wird nur auf eine **erstklassige** Kraft reflektiert. Gefl. Offerten unter Chiffre Z. P. 12240 an die Annoncen-Expedition

Rudolf Mosse, Zürich.

Sämtliche Materialien für Holzzementbedachungen.

Echt schlesisches Holzzement.

Asphalt-Dachpappen.

Prima Carboliteum.

Isoliermaterialien

aller Art
für Bauzwecke

Isolier-Papiere.

Isolier-Filzkarten.

Asphalt- und Theerprodukte.

Meynadler & Co., Zürich, Klausstrasse 33.

Telephon 1143.

Kempf & Co., Herisau

Fabrik für Eisenkonstruktionen aller Art. Prompte, coulante Bedienung.

5000 Frs. Wert

in Belehrungen betr. Zerkleinerung von Mineralien jeder Art und zu allen Zwecken.

Modell 1906/07 System Velten

Universal-Steinzerkleinerungs-Maschine der Neuzeit.

Grösste Leistungsfähigkeit bei wenig Kraft. Einfachheit der Konstruktion. Keine Betriebsstörung, wenig Reparatur. Bekannt und patentiert in allen zivilisierten Ländern. Anerkannt als die **einzige** Maschine der Welt, welche Steine unter allen Wetter-Einflüssen zerkleinert.

Näheres auf gefl. Anfragen durch

W. L. Velten, Maschinenfabrik, Weil im Dorf b. Stuttgart.

Thonwerk Biebrich A.-G.

Chamottesfabrik

Biebrich am Rhein.

Hochfeuerfeste u. säurebeständige Produkte.

Normal- und Façonsteine aller Art, Chamottemörtel, Retorten, Muffeln etc. Bau kompletter Ofenanlagen.

Beste Referenzen und Zeugnisse aus der Schweiz.

Das beste

Linoloum geht zu Grunde

wenn die richtige Unterlage fehlt.

Planolin-Nivelliermasse

dient zum Ausbessern von Böden jeder Art und ist die beste, billige

einige sofort trocknende, harte, glatte Linoloum-Unterlage.

CH. H. PFISTER & Co., BASEL VII

Luftzirkulations-Trocken-Ofen „VESUV“

D. R. G. M. — zum schnellen und gründlichen Austrocknen von Neubauten und feuchten Räumen.

Bewährt vielfach und bei Behörden eingeführt. Wirkt nicht durch strahlende Wärme sondern hauptsächlich durch stetigen Luftwechsel.



Vorteile: In wenigen Tagen gründliche Entfeuchtung. Keine Ausströmung schädlicher Gase. Vollkommene Erhärtung des noch frischen Verputzes, einfache nicht ständige Ueberwachung bei Tag und Nacht; mehrjährige Gebrauchsfähigkeit; leichte Ersatzbarkeit der dem Feuer ausgesetzten Teile. Beste Ausnutzung des Koksmaterials. In 24 Stunden nur 1 bis 1 1/2 Zentner Koks nötig. Ein Ofen für 100 cbm Raum. Zu beziehen à Fr. 100.— ab München durch

Baugeschäft Jos. Schretzmayer

Inh. Alois Schnidt

Telephon 7545 — München — Brienerstr. 30

An unbek. Besteller geg. Nachn. od. Voreinsendung

D.R.P. HÜRTGEN-LÜFTER

Regensicher

STERNLÜFTER mit parallelem Hub

Hürtgen, Mönnig & Co. KÖLN-LINDENTHAL



J. Rukstuhl, Basel

erstellt auf Grundlage vieljähriger Erfahrung

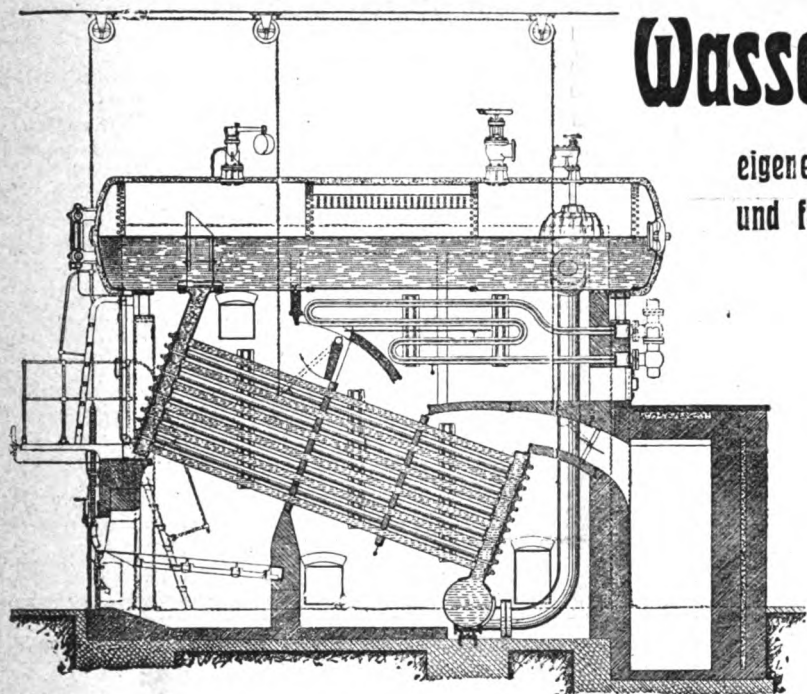
Centralheizungen

aller Systeme

Warmwasser — Niederdruckdampf etc.

GEBRÜEDER SULZER

WINTERTHUR



Wasserröhren-Kessel

eigenen Systems, von jeder Grösse
und für jeden Betriebsdruck.

**Kräftige Zirkulation und grosse
Leistungsfähigkeit infolge di-
rekter Wasserzuführung zu den
unteren Rohrreihen.**

Hohe Verbrennungskammer.

Grosser Dampfraum.

**Bewährte Konstruktion der Ver-
schlussdeckel.**

Ueberhitzer, regulier- und ausschaltbar.

Anlagen u. a.: Elektrizitätswerke St. Gallen, Locle, Winterthur, Wynau, Thun,
im Bau: Elektrizitätswerke Chaux-de-Fonds, Kubel, Rathausen bei Luzern etc.

J. Walser & Cie. Winterthur.

Spezialgeschäft für

**Hochkamine und
Feuerungsanlagen.**

Kesseleinmauerungen jeden Systems.

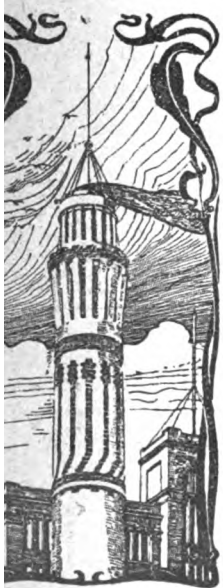
Ofenbauten

für alle industriellen Zwecke.

Reparaturen und Umbauten.

Beständiges Lager in feuerfesten Materialien.

Gewissenhafte Ausführung. Ia. Referenzen.
Projekte und Offerten kostenlos.



KESSELSCHMIEDEARBEITEN:

Reservoir für div. Flüssigkeiten.
Boiler für Kochherde & Centralheizungen.
Kochkessel für div. Industrien.

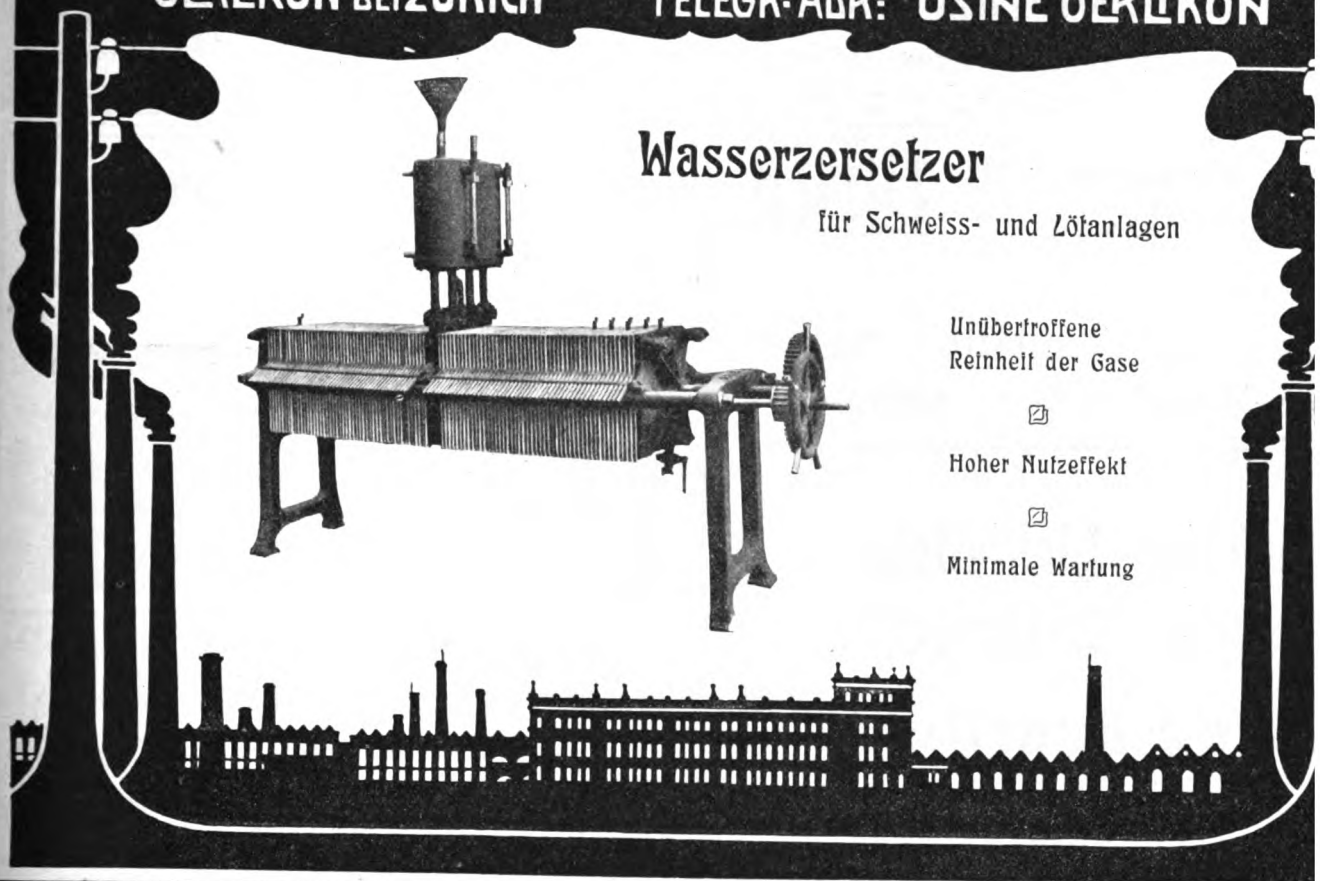
H. VOGT-GUT, ARBON.

Gährbottiche, Kühlschiffe, Lagerfässer,
für
Bierbrauereien.

Transportgefässe, Transportwagen
Referenzen. Prospekte.

H. Mosse, Zürich

alleinige Inseraten-Annahme für die
Schweizer. Bauzeitung.



Wasserersetzer

für Schweiss- und Lötanlagen

Unübertroffene
Reinheit der Gase

Hoher Nutzeffekt

Minimale Wartung

Wartmann, Vallette & Co., Brugg und C

Brücken:

Eisenbahn- u. Strassenbrücken.
Ueber- und Unterführungen.

Fabrikbau-Konstruktionen

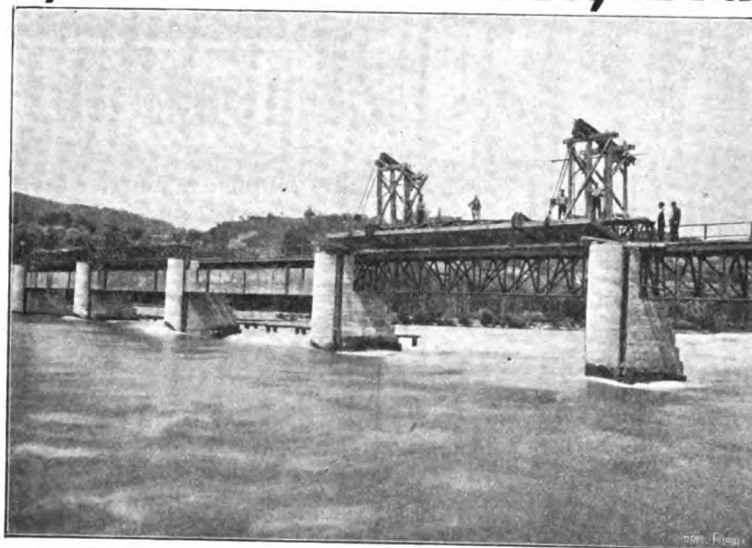
jeder Art, als Konstruktionen
für Shed-, Sattel-, Holzzement-
Dächer, Riegelwandfachwerk,
Säulen u. Unterzüge, Oberlichter,
Treppen, Wellblechbauten, Vor-
dächer.

Kranen:

Laufkranen mit Stützen u. Bahn,
Bockkranen, Aufzugstürme.

Gasbehälter, Reservoirs

genietete Röhren und eiserner
Unterbau für schwimmende
Badanstalten.



Hotels u. Waren

Binder- und Säule
tionen über grosse
für Umbaute

Gitterma

für elektr. Leitungen
Bogenlampen, Seil

Stauwehr-Anl

Schleuse
Aussichtstü

Grosses Materi

und daher
möglichst schnelle l

Marmor - Arbeiten Polierte Granite

liefert in jeder Art

Emil Schneebeli
Zürich,

Marmor- & Granit-Industr.

Eigene Säge- und Polier-Werke.

Aktien-Gesellschaft „Union“ in Biel

FABRIK IN METT.

I. Schweizerische Fabrik für elektrisch geschweisste Ketten
+ Patent Nr. 27199.

Ketten aller Art

für industrielle und landwirtschaftliche Zwecke.
Grösste Leistungsfähigkeit. Ketten von höchster Tragkraft.

A. Jucker, Nachfo Jucker-Weg

Papierhandlung zum
Schiffände No. 22, 2

Grosses Lager vo
papieren, Pauslei
Zeichenpapier, R
Bogen in nur vorzügliche

Holzzementpapier, Dach
Bodenbelag- und Te
Unterlag-Papiere.

Nachtles Stahlrohre

in hervorragender Qualität für alle Zwecke
der Industrie.

Berliner Werkzeugmaschinen-Fabrik vormals L. Sentker, Berlin N.65.

Vertreter: Mäcker & Schaufelherger, Zürich, Beatenplatz-Waisenhausgasse 10.

Lin. Kramer, Lager- Zürich
str.

Mosaikplatten von Otto Kauffmann, Niedersedlitz
Steinzeug- und Tonplatten
glasierte Wandplatten

**Höchster Lichteffekt
Grösste Haltbarkeit**
erzielt man nur mit dem
echten Auerlicht.

Unsere Artikel tragen folgende geschützte Marken:

Auf der Brennerkrone: **Gasglühlicht System**

Dr. Carl Auer von Welsbach,

Auf dem Brennerrohr: **Auerlicht und Bee Auer.**



Auf dem
Glühkörper



Zu beziehen bei den Gaswerken und bessern
Installations-Geschäften.

Schweiz. Gasglühlicht A.-G.

System Dr. Carl Auer v. Welsbach,

Zürich, Hafnerstrasse 24.

Nichtpausanfalt Helvetia, Zürich I

chipfe 51 — **Ryfel & Michaud** — Schipfe 51
elephon 6027 **Spezialität:** Telephon 6027

Trockenverfahren (Plandruck):

Kopien in tiefschwarzen, scharfen Linien, auf beliebigen
Grundton und in jeder gewünschten Farbe auf Paus-, Zeichen-
oder Tonpapier, **Karton** oder Leinwand in div. Stärken.

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Mustersimmer. Vorzügliche Einrichtung. Elektrische Be-
lichtung. Sorgfältige, prompte und billige Bedienung.
Muster und Preisliste zu Diensten. Verlangen Sie den Be-
such unseres Repräsentanten.

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Vereinigte Xylolith- u. Kohlensäurewerke L. G.

WILDEGG.

⊕ Patent Nr. 9080.



**Auf Blindboden aufgeschraubt;
auf Zementbeton in Mörtel verlegt.**

Nach allen Dessins in viereck, rechteck, achteck
und in 3 Farben, Parkett ähnliche Form.

Xylolith feuersicher, warm. Steinholz schalldämpfend, solid.

Muster, Prospekte, Album und Atteste gratis und franko.

**Einzig in der Schweiz bis jetzt ca. 200 000 m²
Böden und ca. 10 000 Treppenstufen gelegt.**

Zementröhren-Formen

aller Systeme.

Henri Weber, H. Kieser's Nachf., Zürich, Gottfried Kellerstr. 7

Alttestes Geschäft dieser Branche. (Gegründet 1887.)

Diplom der schweizer. Landesausstellung Zürich 1883.

Dipl. I. Kl. der kant. Gewerbeausstellung Zürich 1894.

Silb. Med. der schweiz. Landesausstellung Gent 1896.

Plastische Malerei

Vornehme, künstlerische Flächenbelebungs-Plastik.
Billiger und effektvoller als Stuck.

Da Handarbeit, bringt sie stets originale
Motive und passt sich der architektonischen
Konstruktion und dem Charakter des Innen-
raums vollendet an. — Kulante Preise. —
Photographie von ausgeführten Arbeiten, so-
wie Kostenberechnungen werden auf Wunsch
gerne eingesandt.

Fritz Schmassmann, Winterthur

Atelier für moderne Dekorationen.

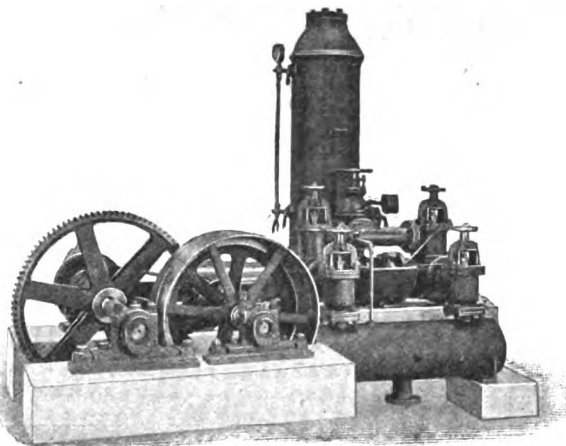
Zur Wasserversorgung von
Fabriken, Villen, Hotels und ganzen
Ortschaften:

⊠ Pumpen ⊠

aller Art, wie:

Kolbenpumpen für alle Druckhöhen, langsam gehende und Schnellläufer, für Transmissions-, Dampf-, Gas-, Petrol- u. Elektromotorenbetrieb,
ferner Presspumpen, Zentrifugalpumpen, Rotationspumpen System Enke, Schraubenpumpen für Handbetrieb.

baut: —————



Für Gasfabriken

Komplette Generator- und armaturen, Lademuldenkarren, Teer- und Ammoniakwasserpumpen, Syphilisreinigungspumpen, Kohlensäure-Koks-Brech-, Transportsortir-Anlagen, Hängez. Materialtransport, pat. Materialspender, Förderer, Kratzer- und Banporteurs, Gasdruckregler, ferner Transmissions-, A. hydraulische, sowie für Transmissions- u. elektrischen

Eisenbahn-Material:

Signale u. Wegschraken, zentrale Stellwerke für Weichen und Signale, Ausführung der Konstruktion der Eisenbahnsignal-Bauanstalt von Max Jüdel & Cie. in Braunschweig für die Schweiz in eigener Stellwerks-Werkstatt.

Hydraulische Achsenversenkapparate.



DURABO-Oel- und -Glanz-FARBE

sind wissenschaftlich begründet u. praktisch bewährt als beste, wetterfeste u. rostschützende Farben für alle Zwecke.
Filial-Fabrik: G. Labitzke, Zürich III. EDMUND SIMON, DRESDEN-III.

SCHWEIZER.GESELLSCHAFT

FÜR

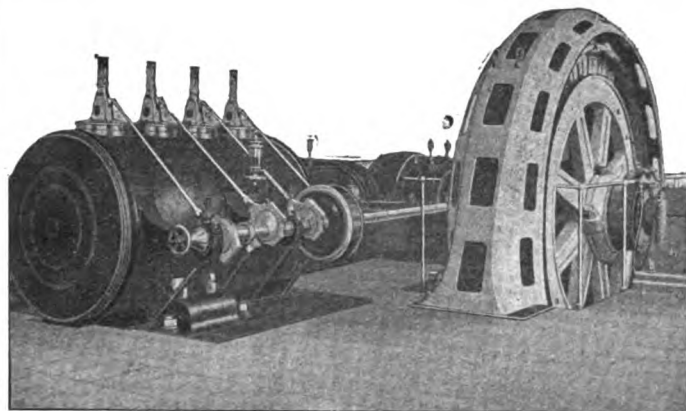
PRÄZISIONS-
ARBEIT

VORZÜGLICHE
KONSTRUKTION

EINFACH u.
BETRIEBSSICHER

HOHE
OEKONOMIE

EXPORT



MODERNSTE
WERKSTÄTTEN

BESTE
MATERIALIEN

EXAKTE
REGULIERUNG

GERINGE
BETRIEBSKOSTEN

EXPORT

LENTZ-VENTILMASCHINEN

GIUBIASCO

Karnahl & Co., Leipzig.

Spezialitäten der Ersten Süddeutschen Manometerbau-Anstalt
und Federtriebwerk-Fabrik

J. C. Eckardt, Cannstatt-Stuttgart 9

Manometer aller Art

Thermometer, Pyrometer, Zugmesser,
Kolbenwassermesser für Dampfkessel
(verbessertes System Kennedy.)

Referenzen von Behörden und ersten Firmen.

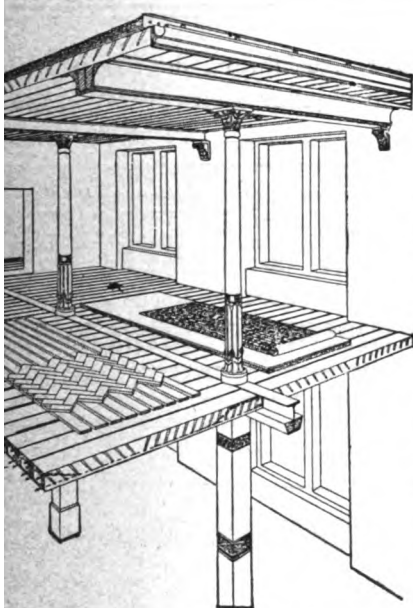
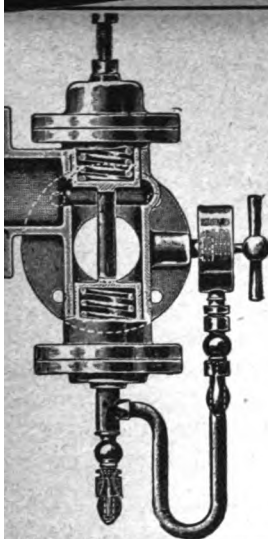
Neu! Patent- Neu!

Druckregler für Abdampfheizungen

Einfache Konstruktion. Grösste Betriebssicherheit.

Man verlange Prospekte.

Vertreter für die Schweiz: **Carl Weller & Cie., Techn. Bureau, Zürich V.**



Siegwart-Decke (Patente)

bestehend aus einzelnen, zum voraus fabrikmässig hergestellten
Zement-Hohlbalcken (Siegwartbalcken), mit armierten Seiten-Wan-
dungen für beliebige Spannweiten bis 6,50 m.

Feuersicher! Einfachster, raschester Einbau. Schalldicht!
Grosse, garantierte Tragfähigkeit.

Die fertig erstellten Balcken werden im Bau frei ohne jede
Verschalung auf die Tragmauer oder T-Unterzüge aneinander
gelegt und die Fugen nachträglich vergossen.

Projektierung und Lieferung durch

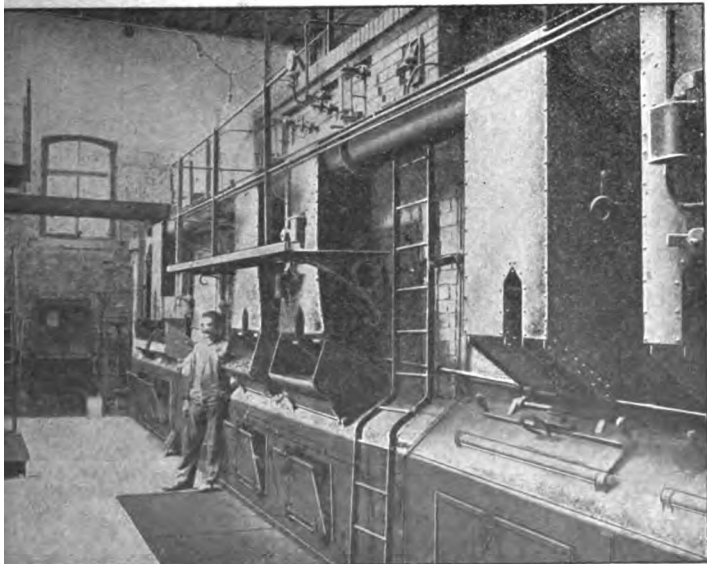
Internationale Siegwartbalcken-Gesellschaft Luzern
und

G. & A. Bangerter, Zementwarenfabrik, Lyss (Bern)

Konzessionäre für die Kantone Bern, Solothurn, Basel,
Neuenburg, Freiburg, Waadt, Genf und Wallis.

A. Stotz, Eisengiesserei und Stuttgart VIII

Gegründet 1860 Arbeiterzahl 500.



Transport-Anlagen

für Massengüter jeder Art.

Elevatoren

Transporteure

Transportschnecken

Hängebahnen etc.

**Kesselbeschickungs-
Anlagen**

**Kohlentransport-
Anlagen**

Zerlegbare Treibketten

Stahlbolzenketten

und Kettenräder.

Kataloge und Projekte zur Ver-
fügung. Erstklassige Referenzen.

E. BLUM & Co. DIPL.-INGENIEURE
GEGRÜNDET 1878 - ZÜRICH - BAHNHOFSTR. 74

Ausser unsern bewährten:

**Spezialmarken
Antifrictionsmetall**



liefern wir prompt:

jede Legierung

mit Gehalt genau nach Vor-
schrift od. Muster u. leisten bis
auf 1/2 % Latitude Garantie.

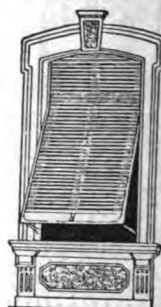
Vestit Metall A.G.

Fabrik in **Zürich.**

Wilh. Baumann

Rolladenfabrik

Horgen (Schweiz).



Holzrolläden

aller Systeme.

Rolljalousien,
automatisch.

**Roll-
Schutzwände**

verschiedener
Modelle.

Verlangen Sie Prospekte!

KOCHHERDE
für
Hotels, Restaur. u. Priv.

in jeder Grösse

OFENFABRIK
Sursee

Schluss-Termin für Annahme von Inseraten jeweiligen Mittwoch Abend.



Immer Schaden durch das eingekittete Glasdach!

Glasdächer

Shedfenster Shedrinnen

..... System G. Zimmermann

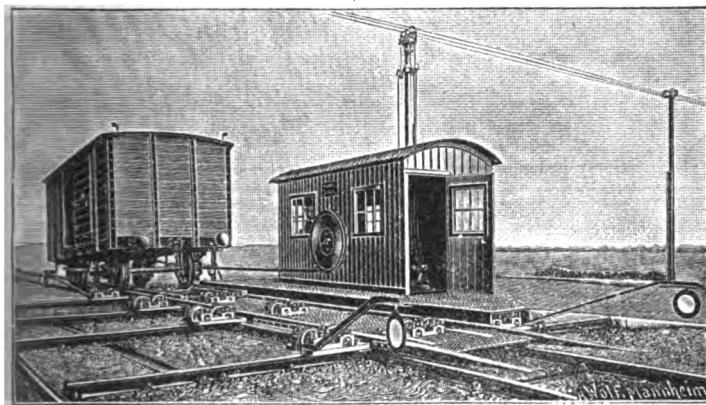
Generalvertreter für die Schweiz:

M. ERNST, THALACKER 21, ZÜRICH I.

Telephon 6996.



Dauernd geschützt gegen Regen und Schwitzwasser!



Joseph Vögele, Mannheim

liefert seit 1842:

Welchen jeder Bauart und Spurweite für Haupt- und Nebenbahnen; Federungen, Weichen, Patent Bochumer Verein; Herzstücke; Kreuzungen; Dreheschelben und Schlebebühnen für Lokomotiven und Wagen, mit Hand-, Dampf- und elektr. Antrieb. Rangierwinden, Spills, elektr. angetrieben. Stellwerke, Schlaghäume.

Verreter für die Schweiz:

W. Wolf, Ing., Zürich.

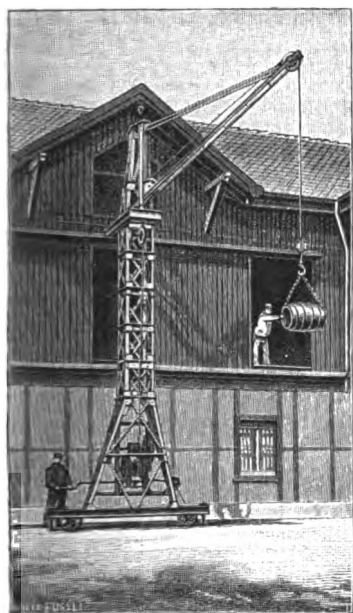


Präzisions-Reisszeuge.

Clemens Riefler,
Nesselwang u. München (Bayern).

Gegründet 1841.

„Paris 1900 Grand Prix“
Illustrierte Preislisten gratis
Die Zirkel der echten Riefler-Reisszeuge sind am Kopf mit den Namen RIEFLER gestempelt.



J. Ruegger, Basel

liefert als Spezialität

Personen-
Waren-
& Speise-
Aufzüge

für elektrischen und hydraulischen Betrieb

Kranen aller Art
(Laufkranen, Drehkranen etc.) : : : :

für elektrischen und Handbetrieb.

Accumulatoren

für alle Zweige der Industrie:

für Zentralen, Fabriken, Private, Laboratorien, Automobile, Schiffe, Waggonbeleuchtung usw.

liefert

Accumulatoren-Fabrik Oerlikon

in OERLIKON bei Zürich.

Bureau für die Westschweiz: LAUSANNE, Chemin Valet 29.

Rhätische Bahn

Bauausschreibung.

Die Erstellung eines 53 m langen **Perrondaches** vor dem Aufnahmegebäude der Station Pontresina wird hiemit zur Konkurrenz ausgeschrieben.

Die Pläne und Bauvorschriften, sowie die Vertragsbedingungen sind auf dem Bureau unseres Oberingenieurs-Verwaltungsgebäudes, Zimmer Nr. 11, zur Einsicht aufgelegt.

Schriftliche Uebernahmsofferten sind in verschlossenem Couvert spätestens bis zum 11. Dezember a. o. der unterzeichneten Direktion einzureichen.

Chur, den 20. November 1907.

Rhätische Bahn:
Die Direktion.

Bautechniker.

Zum möglichst baldigen Eintritt **gesucht** 1-2 gute Zeichner bewandert in Statik, Kostenvoranschlag und auf Bauplatz. Anmeldur mit Zeugnisabschriften und bestimmten Gehaltsansprüchen an

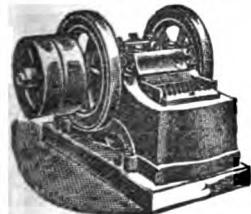
A. Romang, Architekt, Basel.

Mannheimer Eisengiesserei u. Maschinenbau A.-G.

Gegründet 1863 MANNHEIM Gold. Medaille Paris 1900

liefert als Spezialität in anerkannt vorzüglicher Ausführung:

Zerkleinerungsmaschinen



Steinbrecher — Walzwerke

Kugelmühlen

Kollergänge — Desintegratoren

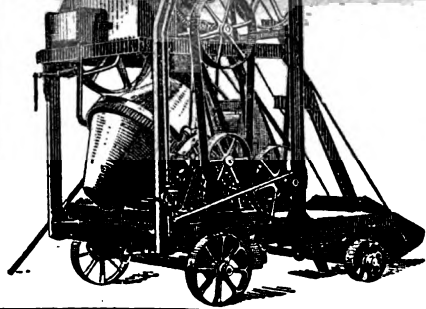
Schotteranlagen

Kieszerkleinerungsanlagen

Siebtrommeln u. Schüttelsiebe

Neu! Steinbrecher kombiniert mit Schüttelsieb Neu! Gesetsl.geschützt. ohne besonderen Antrieb. Viel bewährt.

1a Referenzen im In- und Ausland.



Der neue amerikanische Beton-Mischapparat „Smith-Milwaukee“

übertrifft an Leistung u. Einfachheit der Konstruktion alles bisher in dieser Richtung Gebotene.

Allein-Fabrikanten für Deutschland und angrenzenden Ländern:

DRAISWERKE G. m. b. H., Mannheim - Waldhof.

Interessenten belieben sich an unsern Generalvertreter für die Schweiz:

Fritz Marti, Aktiengesellschaft in Bern, zu wenden.



Heinrich Brändli, Horgen Asphalt-, Dachpappen- u. Holzzement-Fabrik

liefert:

Asphaltplatten, combinirt mit Jute- und Fils-Einlagen, bekiest, besandet oder glatt, für wasserdichte Eindeckungen bei: Eisenbahnen, Strassen, Hoch- und Tiefbau-Arbeiten, mit Garantieübernahme. — Referenzen zu Diensten.

Telegramme: Heinrich Brändli, Horgen. ☙ Telephon.

Paul Werner
Bau von Feuerungs- und Ofenanlagen für die Metallindustrie,
Ziegel-, Kalk- und Zipsfabriken
Olten (Schweiz)

KESSELSCHMIEDE RICHTERSWIL

Dampfkessel aller Systeme.

Bleischweissarbeiten.

Flammröhren, Feuerbüchsen, Dome, Stutzen, Windkessel, Braupfannen, Seifenkessel, Zirkpfannen, Bouilleurs etc.

Reservoirs, Blechrohrleitungen.

Spezialität: Hochdruck-Rohrleitungen für Wasserkraftanlagen.

Brücken- und Eisenkonstruktionen.

Apparate für diverse Industrien.

Material aus anerkannt nur erstklassigen Hüttenwerken. Sorgfältigste Arbeit, prompte Bedienung.

A. RIEBER, Maschinenfabrik, Reutlingen (Württembg.)

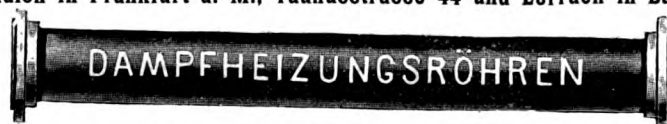
Fernsprecher Nr. 46.

Gegründet 1879.

Telegr.-Adr.: Rieber, Reutlingen.

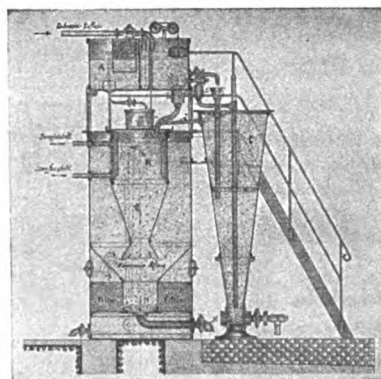
Filialen in Frankfurt a. M., Taunusstrasse 44 und Lörrach in Baden.

Autogen
geschweisste



u. Façonstücke
in allen Dimensionen.

Wasser-Reinigungs-
für Nutz-



und Filter-Anlagen
und Abwässer.

Zentralheizungen

für Niederdruck, Mitteldruck und Abdampf.

Autogen geschweisste Blech-
arbeiten.

Schlauchwasch-Apparate

D. R. G. M. Nr. 291 197.

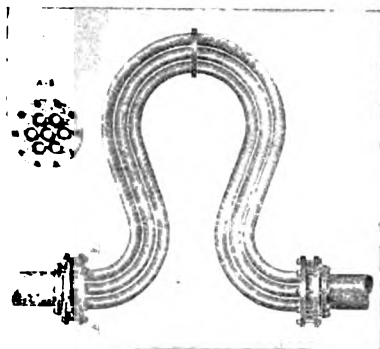
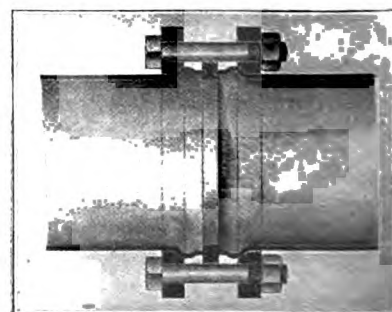
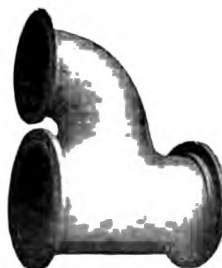
Hochdruck-Rohrleitungen

mit
Flanschenverbindungen
„System Rieber“.

Feder-Bogen, D. R. G. M. Nr. 284 150.

Färbe-Apparate D.R.P.

Autogen
geschweisstes
Façonstück.



Wanner & C^{ie}, Horgen

Spezial-Abteilung für baugewerbliche Isolirungen.

Generalvertreter der Korksteinfabrik Grünzweig & Hartmann, G. m. b. H., Ludwigshafen a. Rh.

Erste, älteste und grösste Korksteinfabrik des Kontinents.

Korksteine und Korksteinplatten

für baugewerbliche Zwecke.

Zur Isolirung von:

Ziegel-, Schiefer-, Metall- und Holzzement-Dächern;
Massivdächern aller Art, Betondächern etc.;
Massiven Mauern und Fachwerk-Wänden;
Feuchten Wänden und Untergeschossräumen;
Gewölben und Fussboden;
Scheidewänden und Fensternischen;
Kühlräumen, Eis- und Lagerkellern.

Zur Herstellung von:

Elastischen und schalldämpfenden Fussboden-Unterlagen
für Linoleum;
Leichten, freitragenden Scheidewänden;
Zwischendecken und Deckenverschalungen;
Warm- und Kaltluft-Kanälen für Heizungs- und Ventilations-
Anlagen;
Telephonzellen.

Als selbständiges Bauelement für

Wohnhäuser, Villen, Stallungen, Personen- und Lagerhallen, Remisen, ambulante Lazarette,
Sanatorien, Baracken, Wärterhäuschen, Pavillons, Schutzhütten etc.

Hohe Isolirwirkung

gegen

Wärme, Kälte, Schall und Feuchtigkeit.

Tausende von
Referenzen und Zeugnissen
aus allen Ländern.

Eigenes
Architektur-Bureau
zur Konstruktion
von
Korksteinbauten.

Langjährig geschultes
Monteur-Personal.

WANNER & C^{ie}
HORGEN.



Ausführung
jeder Art Arbeiten
unter Garantie.

Kataloge,
Kostenberechnungen,
fachkundige Ratschläge
und Projekte
prompt und gratis.

Grosses Lager,
rasche Bedienung.

WANNER & C^{ie}
HORGEN.

Grand Hôtel „Erzherzog Johann“ am Semmering.

Einbau sämtlicher Mansardenräume, Herstellung von Dachschrägen, Scheidewänden, Gangwänden etc. aus Korkstein.

VORZÜGE: Kurze Bauzeit, rasches Austrocknen, Schutz gegen Temperatureinflüsse,
feuersicherer Schutz der hölzernen Dachkonstruktion.

empfiehlt sich zur Erstellung von Zentralheizungen aller Systeme; Wäschereien, Tröcknereien, Bade-
richtungen und Desinfektions-Apparate, Giesserei, Kupfer- und Kesselschmiede-Arbeiten.

Brik: Station Ostermundigen. Internationale Ausstellung Mailand 1906: Grand Prix. Depot: Speichergasse 35, Bern.

Russchreibung

Die Stelle eines

technischen Direktors der Tössthalbahn-Gesellschaft

infolge Hinschiedes des bisherigen Inhabers zur Wiederbesetzung
geschrieben.

Erfordernisse sind technische Hochschulbildung als Bauingenieur
und praktische Tätigkeit im Eisenbahnwesen.

Bewerber werden eingeladen, ihre Anmeldung in Begleit von Zeug-
nissen, einer kurzen Darstellung des Bildungsganges und der bisherigen
Tätigkeit bis zum 31. Dezember 1907 dem Präsidenten der Gesell-
schaft einzureichen und ihre Gehaltsansprüche mitzuteilen.

Nähere Auskunft erteilt der Unterzeichnete.

Winterthur, den 9. Dezember 1907.

Im Auftrag des Verwaltungsrates der Tössthalbahn-Gesellschaft

Der Präsident: D. Ziegler-Scheuchzer.

COMMUNE DE LAUSANNE.

DIRECTION DES SERVICES INDUSTRIELS.

SERVICE DU GAZ

La Municipalité ouvre un concours pour repourvoir la place de

CHEF DE L'USINE A GAZ

La Municipalité ouvre un concours pour repourvoir la place de

Traitement de fr. 3200. — à 4000. —, plus logement, éclairage
et chauffage.

Les personnes désirant postuler cet emploi peuvent prendre con-
naissance des conditions d'engagement au bureau du Service du Gaz, rue
Pré 25, à Lausanne, où elles devront déposer leurs offres de service
jusqu'au 26 décembre 1907.

Lausanne, le 6 décembre 1907.

DIRECTION DES SERVICES INDUSTRIELS.

Gesucht.

Zur selbständigen Leitung des Baues des hydraulischen
Teils einer grossen Wasserwerkanlage in der Schweiz,
Stollen- und Wehrbaute, wird ein tüchtiger, energischer
und erfahrener

Bau-Ingenieur

zu sofortigem Eintritt **gesucht.**

Kenntnis der italienischen Sprache erforderlich.

Froté, Westermann & Co., A.-G.
Zürich.

J. Rukstuhl, Basel

erstellt auf Grundlage vieljähriger Erfahrung

Centralheizungen

aller Systeme

Armwasser — Niederdruckdampf etc.

Arbeitsausschreibung.

Die Schreiner- und Glaserarbeiten

zum Neubau **Hotel Splendid-Adlerhof** in **Interlaken** werden hier-
mit zur freien Konkurrenz ausgeschrieben. Offerten sind bis den 28. De-
zember 1907 an Herrn **J. Michel**, Popr., einzusenden. Eingabeformu-
lare können von der unterzeichneten Bauleitung bezogen werden, woselbst
Pläne und Bedingnishefte aufliegen.

Vifian & von Moos, Architekten.

Grössere schweizerische Elektrizitätsfirma **sucht** für die
Berechnung von Maschinen einen mit guten theoretischen Kennt-
nissen ausgerüsteten

Ingenieur,

der selbständig arbeiten kann. — Derselbe soll in der Berechnung
von Wechselstrom-Traktionsmotoren Erfahrung besitzen und minde-
stens einige Jahre in einem Berechnungsbureau selbständig gearbeitet
haben.

Bewerber sind ersucht, die Offerte mit Angabe ihrer früheren
Tätigkeit, Studiengang, Sprachkenntnisse, Gehaltsansprüche, sowie
frühesten Eintrittstermin unter W. 7761 Q. zu richten an
Haasenstein & Vogler, Basel.

Wir suchen zum baldigen Eintritt, für die Berechnung von Gleich-
strommaschinen und Motoren, für selbständige Stellung einen
theoretisch gebildeten

Elektro-Ingenieur.

Reflektanten müssen über mehrjährige Praxis in der Berech-
nung von solchen Maschinen verfügen, Erfahrung besitzen und selb-
ständig gearbeitet haben.

Offerten sind unter Angabe von früherer Tätigkeit, Studiengang,
Sprachkenntnissen, Gehaltsansprüchen, frühesten Eintrittstermin an die
Elektrizitäts-Gesellschaft „Alioth“ in Münchenstein-Basel
zu richten.

Parquet- und Chalet-Fabrik Interlaken.

Infolge Demission des bisherigen Inhabers wird hiermit die
Stelle eines

Direktors der Bauabteilung

auf den 1. April 1908 zur Wiederbesetzung ausgeschrieben. In
Holzkonstruktionen und speziell im Chaletbau erfahrene Bewerber
belieben ihre Anmeldungen bis 31. Dezember nächsthin dem Prä-
sidenten des Verwaltungsrates, Herrn **J. Betschen** in **Interlaken**,
einzureichen, welcher auch weitere Auskunft erteilen wird.

„Pat. Wroblewski-Fenster“

bester Abschluss, leichteste Handhabung.

Oberflügelöffner „Schmal“

funktioniert sicher und geräuschlos.

Felix Beran, bautechn. Bureau, Zürich.

Nahtlose Stahlrohre

der Industrie.

Berliner Werkzeugmaschinen-Fabrik vormals **L. Sentker, Berlin N.65.**

Vertreter: **Mäcker & Schaufelberger, Zürich, Beatenplatz-Waisenhausgasse 10.**



Immer Schaden durch das eingekittete Glasdach!

Kittlose



Patent No. 37200.

Glasdächer

Shedfenster

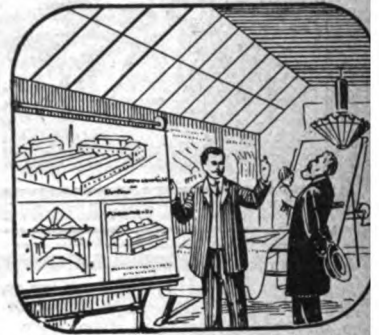
Shedrinnen

..... System G. Zimmermann

Generalvertreter für die Schweiz:

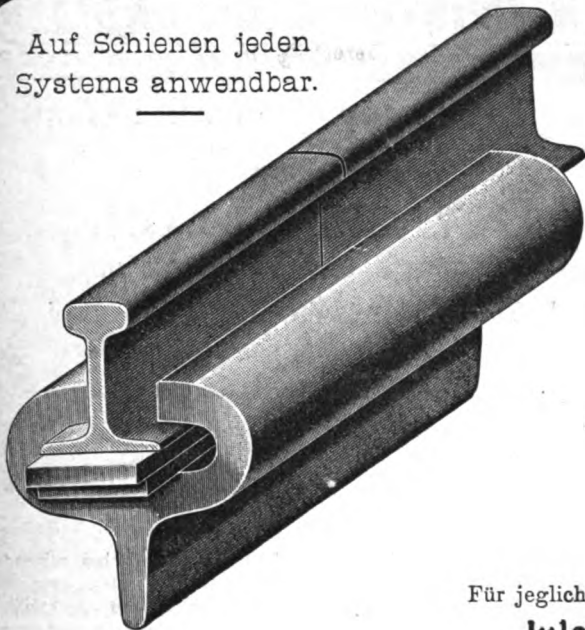
M. ERNST, THALACKER 21, ZÜRICH I.

Telephon 6996.



Dauernd geschützt gegen Regen und Schwitzwasser!

Auf Schienen jeden Systems anwendbar.



Unverbiegbares Geleise

Verkeilung mit Hochdruck.

(A. Ambert's System)

Beseitigung der Laschen,
Bolzen und elektrischen
Kupfer-Verbindungen

Festigkeit

Sparsamer Unterhalt
Sicherheit

Für jegliche Auskunft wende man sich an:

Jules Bouteille & fils

Schienen, Schwellen und Zubehören

123 Rue Pierre Corneille à Lyon ou à Bellerive près Genève (Schweiz).

Eisen- u. Metallgiesserei Seebach H. Bölsterli & Cie., Seebach bei Zürich.

vormals

Eisengiesserei

Metallgiesserei

Maschinenguss nach Modellen, Schablonen und Zeichnungen bis 10 000 kg.
Zylinderguss, Dynamoguss, Bau- und Handelsguss. Formmaschinen f. Massenartikel. Coquillenguss.
Bronze, Phosphorbronze, Messing. Lagerkompositionen.
Aluminium. Legierungen jeder Art.

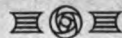
Eigene Modellschreinerei.

Spezialität: Rohguss für Transmissionen; Hängelager, Stehlager mit Ringschmierung
Wandkonsolen, Kupplungen, Stellringe, Riemenscheiben usw.

Von den gangbaren Grössen wird stets Vorrat gehalten, nicht Vorhandenes wird in wenigen Tagen fertiggestellt.
Chemisches Laboratorium.

Gebrüder Scholl, Zürich

Spezialgeschäft für Techniker.



Fraumünster-
strasse Nr. 8.



Zeichentische diverser bewährter Konstruktionen
Lichtpausapparate, Lichtpauspapiere
1^a Zeichen- und Pauspapiere

Diplom- und engl. Bristolkartons
Zeichenpapiere auf Leinwand

Aquarellfarben deutsche, französische u. englische
in Stücken, Fläpchen u. Tuben

Gouachefarben * Pinsel * Tuschen * Reifzeuge etc.



Gesucht

ein Zeichner und ein Heliographist

ein Ingenieurbureau. Dauernde Anstellungen bei guten Leistungen.
Offerten unter Chiffre E.M. 17 an die Annoncen-Expedition
Rudolf Mosse, St. Gallen.

Für ein Eisenbetonunternehmen im Hoch- und Tiefbau
werden zum Eintritt per 1. Januar 1908 gesucht: 1. Ein

akad. gebild. Ingenieur,

der auf dem Gebiete des Eisenbetonbaues längere Tätigkeit
nachzuweisen in der Lage ist. Nur ganz hervorragend tüchtige
Statiker wollen sich bewerben und Zeugnisabschriften (welche
nicht zurückgegeben werden) mit Angabe der Gehaltsansprüche
unter F.K. 5074 an die Annoncen-Expedition **Rudolf Mosse,**
Karlsruhe i. B. einsenden.

2. Ein

Eisenbetontechniker,

tüchtiger, energischer Bauleiter (möglichst geprüfter Bau-
ingenieur oder Bauwerkmeister), mit vielseitiger, reicher Praxis
zur Ausführung umfangreicher Eisenbetonbauten. Bewerbungen
mit Zeugnisabschriften (welche nicht zurückgegeben werden) Photo-
graphie und Lebenslauf sind unter F.K. 5075 an die Annoncen-
Expedition **Rudolf Mosse, Karlsruhe i. B.** einzusenden.

Modernste Einrichtungen in unserer neuen **Kunden-
Metallgiesserei** setzen uns in den Stand

Metall-Rohguss

in allen Legierungen nach Modellen oder Zeichnungen
billigst und prompt liefern zu können.
E. Dederlin & Co., Baden (Schweiz).

Zu verkaufen:

Sägerei und Baugeschäft

mit guter Kundschaft und nachweisbar hoher Rendite in in-
dustrieller Gegend mit vorzüglichen Bahnverbindungen.
Offerten unter Chiffre Z. L. 12911 an die Annoncen-Expedition
Rudolf Mosse, Zürich.

Das beste

Linoleum geht zu Grunde

wenn die richtige Unterlage fehlt.

Planolin-Nivelliermasse

dient zum Auebnen von Böden jeder Art und ist die beste, billigste,
einzige sofort trocknende, harte, glatte Linoleum-Unterlage.

CH. H. PFISTER & Co., BASEL VII.

ALFRED KRÖNER VERLAG IN LEIPZIG.

Soeben erschienen!

Der Eisenbeton in Theorie und Konstruktion

Ein Leitfaden durch die neueren Bauweisen
in Stein und Metall. Mit zahlreichen Tabellen

Für Studium und Praxis verfasst von

Rudolf Saliger

Dr.-Ing., Oberlehrer an der Baugewerkschule in Kassel.

Zweite Auflage. Mit 354 Abbildungen.

Preis geheftet 5 Mark 40 Pfg. In Leinwand geb. 6 Mark.

Die Aufnahme, welche dieser Leitfaden gleich bei seinem
ersten Erscheinen gefunden hat, ist ein Beweis dafür, dass er
einem vorhandenen Bedürfnis entgegenkommt. In der voll-
ständig neu bearbeiteten zweiten Auflage sind die Fortschritte
der neuesten Zeit berücksichtigt. Bei den vorgenommenen
Aenderungen war hauptsächlich der Gesichtspunkt massgebend:
den Anforderungen der Praxis noch mehr als in der ersten
Auflage zu entsprechen.

Zu beziehen durch die meisten Buchhandlungen.

Thonwerk Biebrich A.-G.

Chamottesfabrik

Biebrich am Rhein.

Hochfeuerfeste u. säurebeständige Produkte.

Normal- und Façonsteine aller Art, Chamottemörtel,
Retorten, Muffeln etc. Bau kompletter Ofenanlagen.

Beste Referenzen und Zeugnisse aus der Schweiz.

KESSLSCHMIEDE RICHTERSWIL

Dampfkessel aller Systeme.

Bleischweissarbeiten.

Flammröhren, Feuerbüchsen, Dome, Stutzen, Windkessel, Braupfannen, Seifenkessel, Zirkpfannen, Bouilleurs etc.

Reservoir, Blechrohrleitungen.

Spezialität: Hochdruck-Rohrleitungen für Wasserkraftanlagen.

Brücken- und Eisenkonstruktionen.

Apparate für diverse Industrien.

Material aus anerkannt nur erstklassigen Hüttenwerken. Sorgfältigste Arbeit, prompte Bedienung.

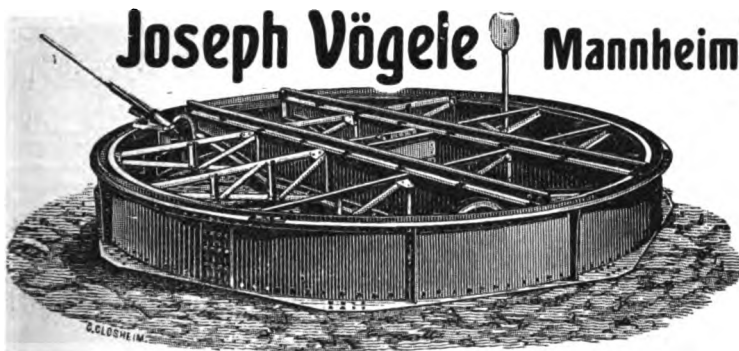


DURADO-Oel- und -Glanz-FARBEN

sind wissenschaftlich begründet u. praktisch bewährt als beste, wetterfeste u. rostschützende Farben für alle Zwecke

Filial-Fabrik: G. Labitzke, Zürich III.

EDMUND SIMON, DRESDEN-A. 7



liefert seit 1842:

Welchen jeder Bauart und Spurweite für Haupt- und Nebenbahnen; Federzungenwelchen, Patent Buchener Verein.

Herzstücke; Kreuzungen; Drehschellen und Schlebeblöden für Lokomotiven und Wagen, mit Hand-, Dampf- und elektr. Antrieb. Rangierwinden, Spills, elektr. angetrieben, Stellwerke, Schlagbäume.

Vertreter für die Schweiz:

W. Wolf, Ing., Zürich.

PATENT-BUREAU
E. BLUM & CO. DIPL. INGENIEUR
GEGRÜNDET 1878 - ZÜRICH - BAHNHOF

Ausser unsern bewährten

Spezialmarken
Antifrictionsmetalle



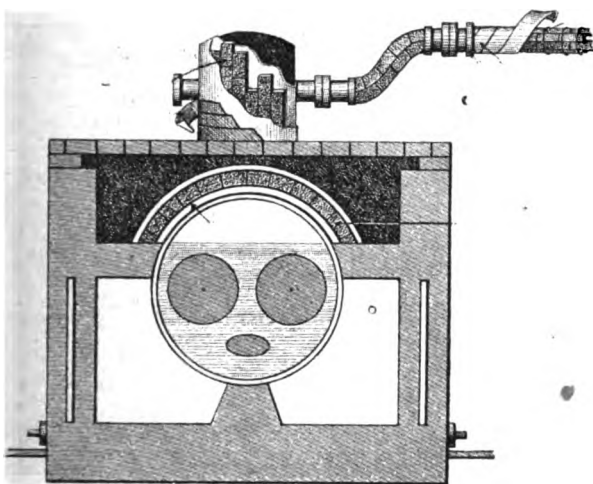
liefern wir prompt:

jede Legierung

mit Gehalt genau nach Vorschrift od. Muster u. leisten bis auf 1/1000 Latitud Garantie

Vestit Metall A.

Fabrik in **Zürich.**



Isolierungen, Isolierrmaterialien, Isolierungen zum Schutze gegen Wärmeverluste mit Asbestkieselguhr oder Calorit-Masse, Calorit oder Excelsior-Steinen und Schalen, Seidenschöpfen, Kork etc.

Isolierungen zum Schutze gegen Kälteverlust imprägn. Korkschalen-Steine, -Platten und -Mehle, Seidenschöpfe, Filz etc.

Komplette Kühlanlagen und sämtliche bautechnische Isolierungen ausgeführt durch langbewährte Fachleute.

Grosses Lager in sämtlichen Materialien, Prospekte und Kostenvoranschläge jederzeit gratis. Prima Referenzen

Generalvertreter der Gesellschaft für Wärme- und Kälteschutz m. b. H. Dresden A.

Gustav Kottmann & Co
Winterthur. Malland.

Spezialitäten der Ersten Süddeutschen Manometerbau-Anstalt u. Federtriebwerk-Fabrik

J. C. Eckardt, Cannstatt - Stuttgart 9.

Manometer aller Art.

Thermometer, Pyrometer, Kolbenwassermesser für Dampfkessel (verbessertes System Kennedy).

Zugmesser, Eckardts System, mit Membrankapsel zum Kontrollieren des Luftzuges in den Heizungskanälen von Dampfkesseln und anderen Feuerungsanlagen.

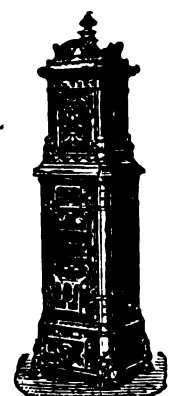
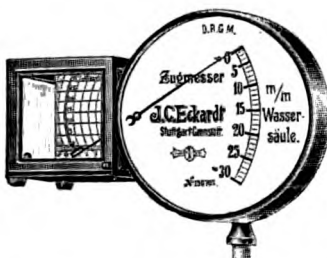
Differenz-Zugmesser, System Eckardt, grösste Empfindlichkeit.

Konkurrenzlos durch Einfachheit, sowie Zuverlässigkeit.

Das Beste, was bis jetzt in Apparaten für diesen Zweck geboten wurde.

Man verlange Prospekte. Referenzen von Behörden und ersten Firmen.

Vertreter für die Schweiz: Carl Weller & Cie., Technisches Bureau, Zürich V.



Erst prämiert

Dauerbrand

best. Konstrukt. und feinsten Ausführung.

Keine Schlackenbildung

Gebr. Lind
Zürich,
Seilergraben



Stahlwerks-Verband Düsseldorf

für Rillenschienen-Oberbau liefern wir:

Rillenschienen mit den dazugehörigen Laschen und sonstigem Kleinisenzeug.

und als Vertreter der **Phönix-Werke** in RUHRORT
Weichen und Kreuzungen hierzu.

Wir empfehlen uns ferner zur Lieferung von **Eisenbahn-Oberbau-Material** als:

Stahlschienen, Flusseisenschwellen, Kleinisenzeug

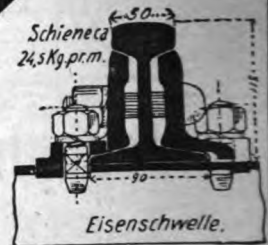
Weichen — Kranen — Drehscheiben — Schiebebühnen

Personen-, Gepäck- und Güterwagen etc.

für Normal-, Sekundär- und Bergbahnen.

Für Offertstellung in diesen Materialien, Einsendung von Zeichnungen,
Anfertigung kompletter Oberbaupläne halten wir uns empfohlen:

FRITZ MARTI AKT.-GES. BERN.



Wartmann, Vallette & Co., Brugg und Genf

Brücken:

Eisenbahn- u. Strassenbrücken.
Ueber- und Unterführungen.

Fabrikbau-Konstruktionen

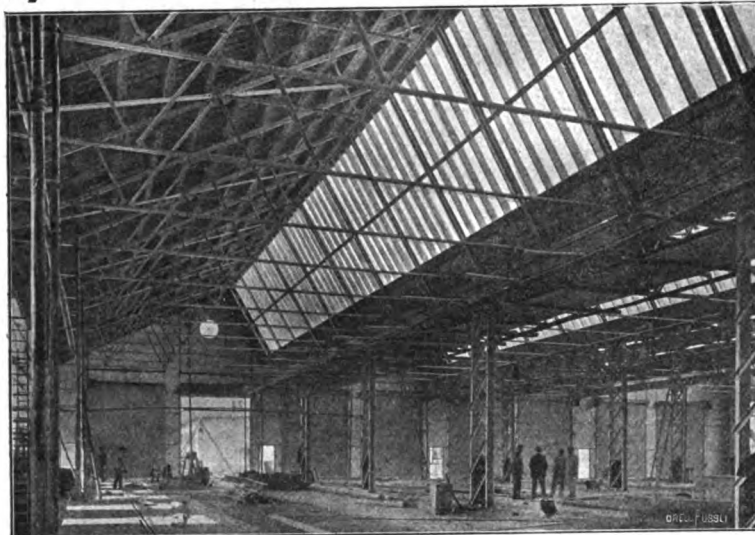
jeder Art, als Konstruktionen
für Shed-, Sattel-, Holzzement-
Dächer, Riegelwandfachwerk,
Säulen u. Unterzüge, Oberlichter,
Treppen, Wellblechbauten, Vor-
dächer.

Kranen:

Laufkranen mit Stützen u. Bahn,
Bockkranen, Aufzugstürme.

Gasbehälter, Reservoirs

genietete Röhren und eiserner
Unterbau für schwimmende
Badanstalten.



Hotels u. Warenhäuser.

Binder- und Säulenkonstruk-
tionen über grosse Säle und
für Umbauten.

Gittermaste

für elektr. Leitungen u. Bahnen,
Bogenlampen, Seilbahnen.

Stauwehr-Anlagen.

Schleusen.

Aussichtstürme.

Grosses Materiallager

und daher
möglichst schnelle Lieferung.

Stumpfs Reform-Schiebefenster.

Patent: Schweiz und andere Kulturstaaten.

Vorzüge:

Praktisch bewährt. ■ Völlige Abdichtung.
Leichte, bequeme Handhabung. ■ **Putzen**
ohne Gefahr. ■ Vollkommene Ventilation.
Keine Zugluft. ■ Keine Beschädigung der
Gardinen. ■ Kein Abräumen der Fenster-
bänke beim Öffnen.

Zahlreiche Referenzen v. ersten Fachleuten.

General-Vertreter für die Schweiz:

C. Spreen, Zürich.

Vertreter überall gesucht.



Bau- & Möbelschnitzereien

jeder Art übernimmt die

Schnitzler-Schule Brienz.



C. WÜST & C^{IE}

SEEBACH - ZÜRICH

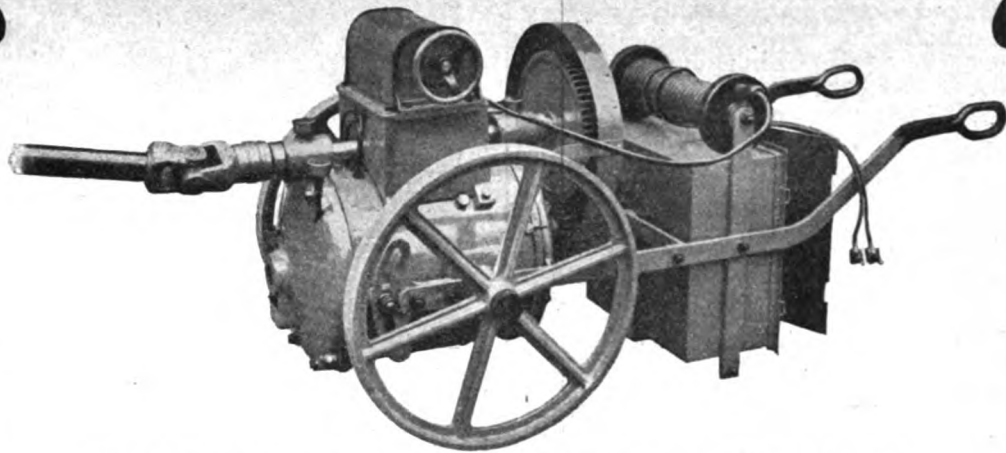
liefern erstklassige

Elektr. Aufzüge

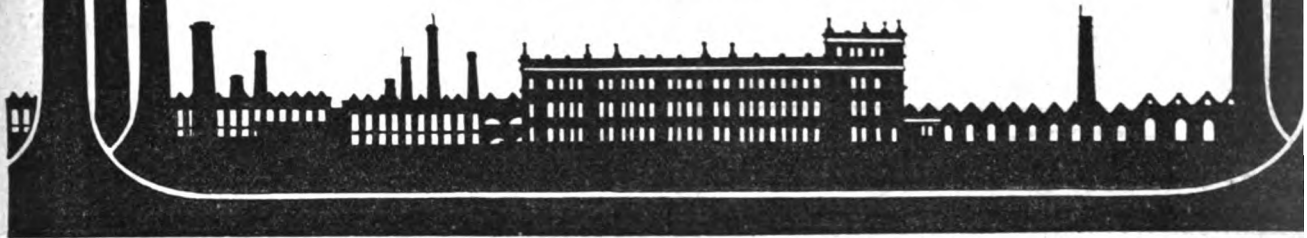
für

**Hotels
Geschäftshäuser
Villen etc.**

**Hunderte von Ausführungen innert
wenigen Jahren. — Feinste Referenzen.**



Fahrbare und tragbare elektrische Antriebe
 Bohrwagen — Handbohrmaschinen — Ventilatoren



**Gesellschaft der
 Ludwig von Roll'schen Eisenwerke**

Filiale: **Giesserei Bern** liefert:



Giesserei Bern
 Wagentreibecke
 № 16

Hebezeuge jeder Art als Laufkräne, und feste oder fahrbare Drehkräne für Hand- und speziell elektrischen Betrieb; Aufzüge für hydraulischen, elektrischen und Transmissionsbetrieb.

Eisenbahnmateriale als Drehscheiben und Schieberbahnen für Wagen und Lokomotiven; Hand-Dampf- und elektrischer Betrieb. Weichen für Haupt- u. Nebenbahnen, für Vignol- u. Rillen-Schienen. Barrieren mit und ohne Verriegelung und Vorläuten.

Zahnstangenoberbau; komplette Seilbahnen für Güter- und Personentransport. (Eigene patentierte Systeme). Seit 1898 37 Touristen-Seilbahnen ausgeführt oder in Arbeit.

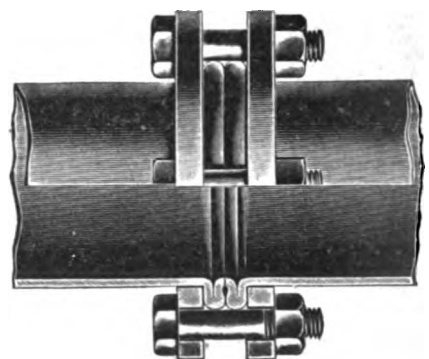
Schleusenanlagen, Schützenwehre, Walzenwehre für Hand- und elektrischen Antrieb.

==== Angaben über zahlreiche Ausführungen, Referenzen, Projekte und Kostenvoranschläge stehen zu Diensten. ====

**Deutsch-Oesterreichische
 Mannesmannröhren-We
 Düsseldorf**

liefern:

**Düsseldorf 1902:
 Goldene Staats-Medaille.**



Rohrleitungen für Hochdr

aus nachlosem Mannesmann-Stahlrohr mit patent. Doppelbördel-Flansch-Verbin

und anderen Verbindungsarten.

Grosse Längen. — Höchste Betriebssiche

Vertreter: Alf. Diener & Cie., Zü

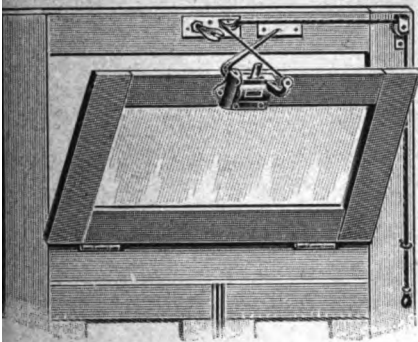
Gottfried Stierlin's Nachf. in SCHAFFHAUSEN

fabrizieren und liefern als Spezialität:

Für- und Fenster-Beschläge

in anerkannt bestbewährten und modernen Systemen.

Fabrikations-Spezialitäten:



Oberlichtverschluss

„UNION“ Das Non plus ultra auf dem Gebiete der Schnurzug-Oberlichtverschlüsse. Solid, elegant, fabelhaft leicht anzuschlagen und zu bedienen. Schliesst fast ganz geräuschlos und absolut dicht. Einziger Schnurzugverschluss, bei welchem Beschädigung der Schnur ausgeschlossen ist. Ueberall sehr gut eingeführt.

Türschliesser, diverser, bestbekannter Systeme mit Federspannung. — **Türschliesser**, pneumatisch. — **Türschliesser**, hydraulisch, System Blount, neuester Konstruktion.

Windfangfedern diverser Systeme. — **Federcharniere** und **Federischiänder**. — **Spiralfeder-Pendeltürbänder**, amerik. System, in Stahl, Messing und Bronze massiv oder in Stahl feinst vernickelt, veressingt oder verkupfert. — **Oberlichtbeschläge**, Patent und ordinäre. — **Ventilationsklappen** mit Federcharnieren.

In allen Artikeln und couranten Grössen, grosses Lager.

Aelteste und einzige Schweizerische Spezialfabrik für obige Artikel.

KESSELSCHMIEDEARBEITEN:

Reservoir für div. Flüssigkeiten.
Boiler für Kochherde & Centralheizungen.
Kochkessel für div. Industrien.

H. VOGT-GUT, ARBON.

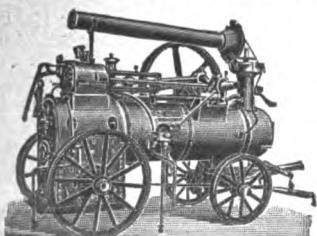
Gährbottiche, Kühlschiffe, Lagerfässer,
für

Bierbrauereien.

Transportgefässe, Transportwagen

Referenzen. Prospekte.

HEINRICH LANZ, Mannheim.

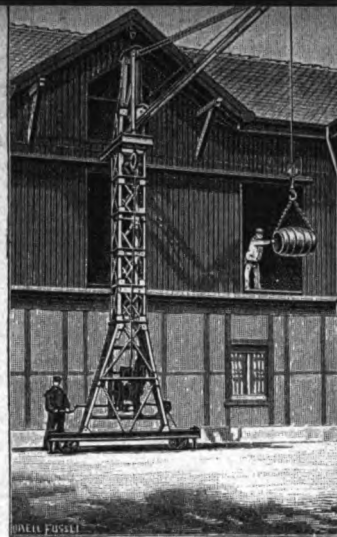


Lokomobilen
für Satt- und
Heißdampf

Schweizer Verkaufsbureau:

K. Röhle, Zürich I, Bahnhofstr. 51 (Mercatorium).

Ueber 19000 Stück verkauft.



liefert als Spezialität

Personen- Waren- & Speise- Aufzüge

für elektrischen und
hydraulischen Betrieb

Kranen aller Art (Laufkranen, Dreh- kranen etc.) : : :

für elektrischen und Hand-
betrieb.

Vereinigte Xylolith- u. Kohlensäurewerke A. G.

WILDEGG.

✚ Patent Nr. 9080.



Auf Blindboden aufgeschraubt;
auf Zementbeton in Mörtel verlegt.

Nach allen Dessins in viereck, rechteck, achteck
und in 3 Farben, Parkett ähnliche Form.

Xylolith feuersicher, warm. Steinholz schalldämpfend, solid.

Muster, Prospekte, Album und Atteste gratis und franko.

Einzig in der Schweiz bis jetzt ca. 200 000 m²
Böden und ca. 10 000 Treppenstufen gelegt.



Heinrich Brändli, Horgen

Asphalt-, Dachpappen- u. Holzzement-Fabrik

liefert:

Asphaltplatten, combinirt mit Jute- und Filz-Einlagen,
bekiest, besandet oder glatt, für wasserdichte Ein-
deckungen bei: Eisenbahnen, Strassen, Hoch- und Tief-
bau-Arbeiten, mit Garantieübernahme. — Referenzen
zu Diensten.

Telegramme: Heinrich Brändli, Horgen. ✚ Telephon.

D.R.P.
HÜRTGEN-
LÜFTER

Regensicher

Ges. gesch.

STERNLÜFTER
mit parallelem Hub

Hürtgen, Mönnig & Co

KÖLN-
LINDENTHAL

SCHWEIZER.GESELLSCHAFT

FÜR

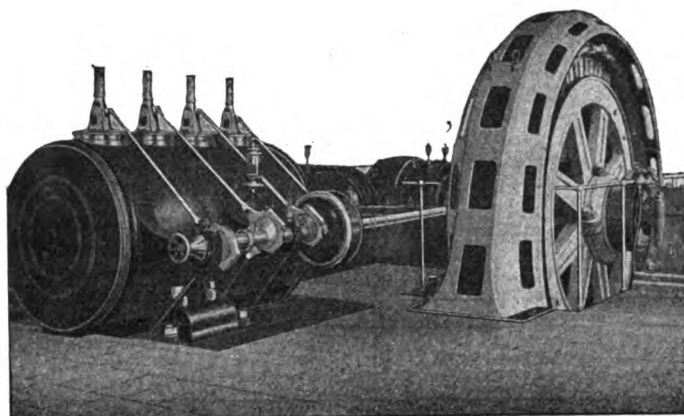
PRÄZISIONS-
ARBEIT

VORZÜGLICHE
KONSTRUKTION

EINFACH \approx
BETRIEBSSICHER

HOHE
ÖKONOMIE

EXPORT



MODERNSTE
WERKSTÄTTEN

BESTE
MATERIALIEN

EXAKTE
REGULIERUNG

GERINGE
BETRIEBSKOSTEN

EXPORT

LENTZ-VENTILMASCHINEN

GIUBIASCO

Karnahl & Co., Leipzig.

Düsseldorfer Röhrenindustrie

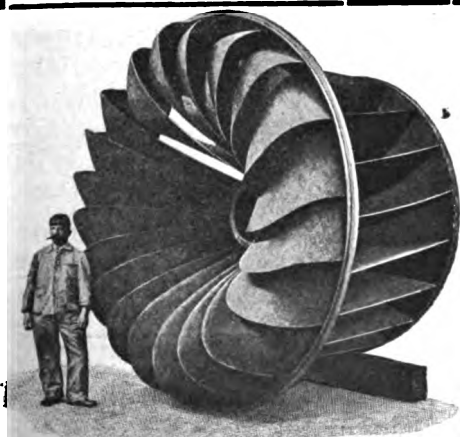
Düsseldorf
Oberbilk

empfiehlt

schmiedeeiserne Röhren bis 1200 mm Durchmesser,
gerade und gebogen,  

für Dampf-Leitungen, Wasser-Leitungen, Turbinen-Leitungen, hydraulische Anlagen,
Kondensations-Anlagen etc. mit allen erforderlichen Verbindungen u. Formstücken.

Vertreter für die Schweiz: **G. A. Bourgeois-Richter, Ing., Zürich II, Breitingenstr. 5.**



Aktiengesellschaft vormals

Joh. Jacob Rieter & Co., Winterthur

TURBINEN

neuester Konstruktion und höchstem Nutzeffekt für alle
vorkommenden Verhältnisse.

Präzisions-Regulatoren mit mechanischer u.
hydraul. Wirkung.

Transmissionen, Kesselschmiede-Arbeiten.

H.-G. der Eisen- und Stahlwerke vorm. Georg Schaffhausen.

Konzessionärin für Fabrikation und Vertrieb des

SCHIENENSCHUHE

= Patent „Scheinig & Hofmann“ = aus + G F + Stahlguss.

Dauernd gute **mechanische** Verbindung. Stossfreier Uebergang der Wagen über die Schienenstösse. — Verminderter Verschleiss von Rollmaterial und Schienen. Geringster elektrischer Widerstand. Dauernd vorzügliche Stromleitung trotz Wegfall der Kupferverbindung.

Einfache Montage, auch in schon bestehende Netze. — Bequeme Demontage. Ermöglicht die Wiederherstellung ebener Fahrfläche bei am Stoss eingesenkten und ausgeschlagenen Schienen.

Exakteste Herstellung. Montage-Werkzeuge und Instruktionspersonal zur Verfügung.

Referenzen:

Trambahnen: Zürich, Lausanne, Luzern, Augsburg, Zwickau, Hamm, Mülhausen, Aachen, Wien, Berlin, Düsseldorf, Krakau, Palermo, Madrid und viele andere. — Siehe Seiten 35 und ff. und 55 im Bericht des Herrn A. Busse, Oberingenieur der Grossen Berliner Strassenbahn an den Kongress in Mailand 1906 des Internat. Strassenbahn- und Kleinbahn-Vereins.

Spundwände aus Holz sind  unpraktisch und veraltet. 

Praktischer und im Gebrauch billiger sind:

SPUNDWAND-BOGENBLECHE

System Lang. D. R. P. a.

Auskunft hierüber erteilt:

MASCHINENFABRIK BUCKAU, Aktien-Gesellschaft zu MAGDEBURG.

Die Aktiengesellschaft der Maschinenfabrik von Louis Giroud in Olten

Zur Wasserversorgung von
Fabriken, Villen, Hotels und ganzen
Ortschaften:

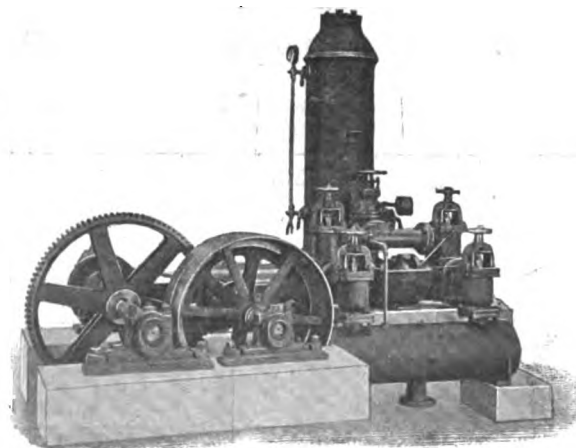
⊗ Pumpen ⊗

aller Art, wie:

Kolbenpumpen für alle Druckhöhen, langsam gehende und Schnellläufer, für Transmissions-, Dampf-, Gas-, Petrol- u. Elektromotorenbetrieb,

erner Presspumpen, Zentrifugalpumpen, Rotationspumpen System Enke, Schraubepumpen für Handbetrieb.

baut:



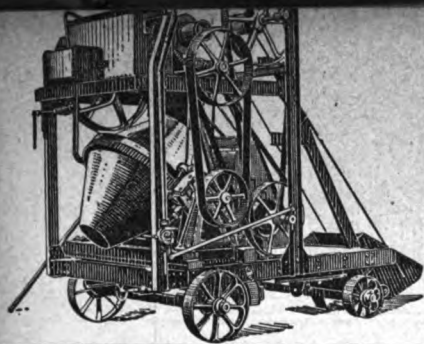
Für Gasfabriken:

Komplette Generator- und Olenarmaturen, Lademuellen, Koks-karren, Teer- und Ammoniakwasserpumpen, Syphon- und leerungspumpen, Kohlen- und Koks-Brech-, Transport- und Sortir-Anlagen, Hängebahnen z. Materialtransport, patentiert Materialsponder, Förder-Rinnen, Kratzer- und Bandtransporteure, Gasdruckregler etc. ferner Transmissionen, Aufzüge hydraulische, sowie für Transmissions- u. elektrischen Betrieb.

Eisenbahn-Material:

Signale u. Wegschranken, zentrale Stellwerke für Weichen und Signale, Ausführung der Konstruktion der Eisenbahnsignal-Bauanstalt von Max Jüdel & Cie. in Braunschweig für die Schweiz in eigener Stellwerks-Werkstätte

Hydraulische Achsenversenkapparate.



Sensationelle Erfindung (Patent)!

Der neue amerikanische

Beton-Mischapparat „Smith-Milwaukee“

übertrifft an Leistung u. Einfachheit der Konstruktion alles bisher in dieser Richtung Gebotene.

Allein-Fabrikanten für Deutschland und angrenzenden Ländern:

DRAISWERKE G. m. b. H., Mannheim - Waldhof.

Interessenten belieben sich an unsern Generalvertreter für die Schweiz:

Fritz Marti, Aktiengesellschaft in Bern, zu wenden.

Plastische Malerei

Vornehme, künstlerische Flächenbelebungs-Plastik.
Billiger und effektvoller als Stuck.

Da Handarbeit, bringt sie stets originale Motive und passt sich der architektonischen Konstruktion und dem Charakter des Innenraums vollendet an. — Kulante Preise. — Photographie von ausgeführten Arbeiten, sowie Kostenberechnungen werden auf Wunsch gerne eingesandt.

Fritz Schmassmann, Winterthur
Atelier für moderne Dekorationen.

Sämtliche Materialien für Holzzementbedachungen.

Echt schlesischen Holzzement.

Asphalt-Dachpappen.

Prima Carbolleum.

Isoliermaterialien aller Art
für Bauzwecke

Isolier-Papiere.

Isolier-Filzkarton.

Asphalt- und Theerprodukte.

Meynadier & Cie., Zürich, Klausstrasse 33.
— Telephon 1143.

Guilleaume-Werke

G. m. b. H.

Maschinen- und Dampfkesselfabrik

Neustadt/Haardt.

Dampfkessel aller Systeme.

Erhärtingkessel, Verzinkungskessel, Wasserreiniger, Abdampfentöler, Vorwärmer, Reservoir, Verdampfungsapparate und sonstige Apparate für die chemische Industrie.

Automatische, rauchlose Feuerung.

Krane u. Hebezeuge jeder Art u. Grösse.

Verlade-, Transport-, Bekohlungsanlagen und Eisenkonstrukt.

Kataloge und Kostenanschläge gratis.

Wasser-Reinigung

Filterpressen

Armaturen

Pumpen

A. L. G. Dehne, Maschinen-Fabrik, Halle a. S.

**BESTER FUGENLOSER
BODEN- & WAND-
BELAG.**
UNI & MEHR-FARBIG.
AUF JEDER UNTERLAGE
GARANTIRT RISSFREI



DOLOMENT BELAG
+ PATENT
Nº 33307

JAKOB TSCHOPP & E. MERZ, BASEL
VERTRETER FÜR
ÖSTERREICH
CARL BRAUN ZÜRICH

Aktien-Gesellschaft „Union“ in Biel

FABRIK IN METT.

I. Schweizerische Fabrik für elektrisch geschweisste Ketten
+ Patent Nr. 27199.

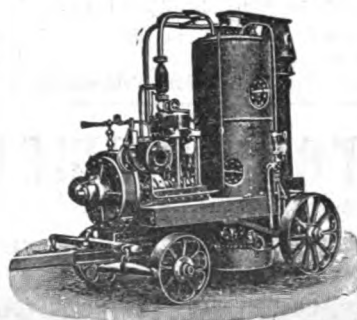
Ketten aller Art

für industrielle und landwirtschaftliche Zwecke.
Grösste Leistungsfähigkeit. Ketten von höchster Tragkraft.

Zentrifugalpumpen

als Riemenpumpen

oder mit Elektromotor direkt gekuppelt.



**Fahrbare
Pumpmaschinen**

halten fertig auf Lager

Menck & Hambrock

G. m. b. H.

Altona-Hamburg 32

Ueber die Lieferung und Montierung von

27 Stück Wagendrehscheiben

in verschiedenem Durchmesser und verschiedener Tragkraft für die neue Werkstätte Zürich wird hiermit Konkurrenz eröffnet.

Die Bedingungen und näheren Bestimmungen für die Offertstellung liegen im Bureau des Oberingenieurs im alten Rohmaterialbahnhof Zürich auf und können dort bezogen werden.

Angebote sind bis zum 22. Januar 1908 verschlossen mit der Aufschrift «Drehscheiben für die neue Werkstätte Zürich» der unterzeichneten Direktion einzureichen und bleiben bis zum 12. Februar 1908 verbindlich.

Die Direktion behält sich vor, die genannten Drehscheiben einzeln oder zusammen zu vergeben.

Zürich, den 18. Dezember 1907.

Kreisdirektion III
der schweizerischen Bundesbahnen.

Schlachthof Zürich.

Ausschreibung von Bauarbeiten.

Die nachgenannten Lieferungen und Arbeiten für das Wirtschafts- und das Verwaltungsgebäude werden hiemit zur Konkurrenz ausgeschrieben.

1. Schreinerarbeiten,
2. Malerarbeiten,
3. Fenster- und Türbeschläge.

Im Bureau der Bauleitung, Herdernstr. 56, Hard, Zürich III, können die betreffenden Pläne eingesehen und die Vorausmasse samt den Uebernahmsbedingungen bezogen werden.

Die verschlossenen Angebote sind mit der Aufschrift „Angebot für den Schlachthof“ bis **Samstag den 4. Januar 1908**, abends 6 Uhr, an den Vorstand des Bauwesens I, Stadthaus, einzureichen.

Zürich, den 21. Dezember 1907.

Die Bauleitung des Schlachthofes.

Weiach. Holzganten.

Die Gemeinde Weiach bringt auf öffentliche Steigerung:

Freitag, den 27. Dezember 1907, von vormittags 10 Uhr an, in der „Eichhalden“:

- 50 grosse und 80 kleine Forrenstämme,
- 12 Stück Bau- und Sägetannen,
- 6 grosse und 8 kleinere Eichenstämme.

Samstag, den 28. Dezember 1907, von mittags 1 Uhr an, auf der „Winzlen“:

- 30 Stück Sägetannen,
- 100 Stück tannes Bau- und Stangenholz.

Die bekannte gute Qualität des Holzes lässt eine zahlreiche Käuferschaft erwarten. Freundlichst ladet ein
WEIACH, den 19. Dezember 1907.

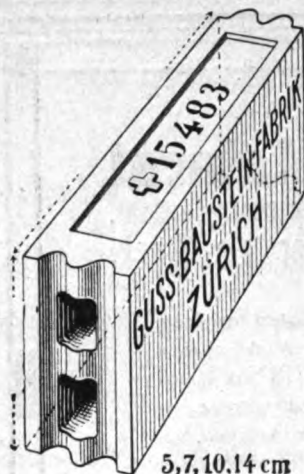
Der Gemeinderat.

Zementröhren-Formen

aller Systeme.

Henri Weber, H. Kieser's Nachf., Zürich, Gottfried Kellerstr. 7

Alttestes Geschäft dieser Branche. (Gegründet 1867.)
Diplom der schweizer. Landesausstellung Zürich 1883.
Dipl. I. Kl. der kant. Gewerbeausstellung Zürich 1894.
Silb. Med. der schweiz. Landesausstellung Genf 1896.



Gussbausteine,

bestes Material für
trockene Scheidewände.

Referenzen und Muster
gerne zu Diensten.

Die Generalvertretung:

Handelsgenossenschaft des
Schweizer. Baumeisterverbandes
Zürich

Bureaux: Seidengasse 13.

Höchster Lichteffect Grösste Haltbarkeit echten Auerlicht.

erzielt man nur mit dem

Unsere Artikel tragen folgende geschützte Marken:

Auf der Brennerkrone: **Gasglühlicht System**

Dr. Carl Auer von Welsbach,

Auf dem Brennerrohr: **Auerlicht und Bec Auer.**



Auf dem
Glühkörper



Zu beziehen bei den Gaswerken und bessern
Installations-Geschäften.

Schweiz. Gasglühlicht A.-G.
System Dr. Carl Auer v. Welsbach,

Zürich, Hafnerstrasse 24.

Bau-Ingenieur

für die Leitung der Bauten zu einer grossen Wasserkraftanlage in Mittelitalien mit umfangreichen Stollenarbeiten im Fels gesucht. Voraussichtliche Dauer der Tätigkeit 2 1/2 Jahre. Bedingungen sind: Reiche Erfahrung in der Leitung ähnlicher Arbeiten, Beherrschung der italienischen und deutschen Sprache, ehester Antritt der Stellung. Offerten mit Lebenslauf, Zeugnisabschriften, Referenzen und Angabe der Gehaltsansprüche erbeten unter K. 12899 an Haasenstein & Vogler A.-G., Zürich.

Hotel-Referenzen:

Grand Hotel Excelsior, Rom

90 Appartement-Bäder etc.

Grand Hotel Florenz

Grand Hotel National, Luzern

Grand Hotel Sestri-Levante

Grand Hotel Pisa

Grand Hotel de la Ville, Florenz

Grand Hotel du Cap Ampeglio,
Bordighera

Grand Hotel Axensteln

Grand Hotel Kurhaus Brünig

Grand Hotel Axenfels

Grand Hotel Jungfrau, Interlaken

Grand Hotel du Righi Vaudols, Gllon

Grand Hotel Rigi-Kaltbad

Grand Hotel Terrasse, Engelberg

Grand Hotel Winterhaus, Engelberg

Grand Hotel Jungfraublick, Interlaken

Grand Hotel d'Italie, Florenz

Grand Hotel Neapel

Hotel Sulsse, Rom

Hotel Hassler, Rom

Hotel Eden, Nervi

Hotel Savoy, Rom

Palace-Hotel, Rom

Park-Hotel, Vitznau

Park-Hotel, Brunnen

Hotel Fluelapost u. Sporthotel, Davos

Hotel Belvédère, Gletsch

Hotel Royal, Bordighera

Hotel Beausite, Rom

Hotel Schweizerhof, Basel

Hotel Rigi, Luzern

Hotel Schwanen, Luzern

Hotel Euler, Basel

Hotel Eden, Weggis

Hotel Metropole, Mailand

Hotel Rhonegletscher, Gletsch

Hotel de la Grande Bretagne, Nizza

Hotel Adler, Brunnen

Hotel Waldstätterhof, Brunnen

Hotel Drossel, Brunnen

Hotel Castagnola, Lugano

Hotel-Kurhaus Nünalphorn

Hotel-Kurhaus Lungern

Hotel Rütliblick, Morschach

Hotel Rigi, Vitznau

Park-Hotel, Gllon

Hotel Müller, Gersau

Hotel-Pension Tivoli, Luzern

Hotel Bellevue, Brunnen

Hotel Gerber-Terminus, Aarau

Hotel Central, Lugano

Hotel Gotthard, Luzern

Hotel des Balances, Luzern

Hotel Union, Luzern

Hotel Victoria, Oberhofen (Thun)

Pension Splendide, Luzern

Pension Waldhelm, Vitznau

Pension Belvédère, Luzern

Pension Aplanalp, Brünig

Pension Richemont, Luzern

Pension Felsberg, Luzern

Wir installieren nach dem englischen und amerikanischen Installations-System und verfügen über eine grössere Anzahl ganz erstklassiger Spezial-Monteurs und Spezialisten für Bleiarbeiten.

Geiger & Muri Luzern.

Vertretungen:

Mailand — Rom — Nizza

Spezialisten

für komplette Installationen von
Bädern, Closets, Toiletten
und Warmwasser-Anlagen.

Spezial-Liste

über zirka

100 Villen,
Spitäler,
Bahnhöfe
etc.

Offene Lehrstelle.

An der **Allgemeinen Gewerbeschule in Basel** ist auf 1. April 1906 Stelle eines Lehrers wieder zu besetzen. Unterrichtsgegenstände: Fachzeichnen Bauhandwerker, Baukonstruktions- und Materiallehre und konstruktives Zeichnen.

Wöchentliche Stundenzahl im Minimum 24; davon 17 abends von 9 Uhr; Besoldung 130—250 Franken für die wöchentliche Jahres-; Alterszulage nach 10 Dienstjahren 400 Franken; nach 15 Dienstjahren 500 Franken; Pensionierung die gesetzliche.

Anmeldungen unter Beifügung der Ausweisschriften über Lebens-; Bildungsgang, wie über Lehr- bzw. praktische Tätigkeit, sowie eigenen Erfahrungen, sind bis zum 15. Februar 1906 dem Unterzeichneten ein-; reichen, der zu weiterer Auskunft bereit ist.

Basel, den 9. Januar 1906.

Aus Auftrag der Kommission,
Der Direktor: Sless.

CONCOURS

pour la construction du Pont Charles Bessières

(arc en fer de 80 mètres de portée).

La municipalité de Lausanne

au concours, entre maisons suisses, la construction du pont Ch. Bessières. L'arc en fer, les maçonneries des culées et tous les travaux accessoires feront l'objet d'une seule et même entreprise.

Les plans et le cahier des charges peuvent être consultés à la Direction des Travaux, qui en délivrera des copies aux personnes qualifiées.

Les concurrents qui après examen des conditions du concours, désireraient entrer en relation avec la Direction des Travaux, sont convoqués à l'Hôtel de Ville de Lausanne, Salle des commissions des travaux le jeudi 8 février à 3 heures, pour être entendus en séance de tous intéressés.

Les soumissions seront reçues à la Direction des Travaux jusqu'au 6 février à 6 heures du soir et jusqu'au 1er mars pour celles qui viendraient par la Poste. Elles seront ouvertes le 1er mars à 5 heures du soir en séance publique.

Les soumissionnaires sont invités à inscrire à l'article 30 du cahier des charges le délai d'exécution qu'ils proposent d'adopter et pour lequel s'engagent.

Lausanne, le 20 Janvier 1906.

Direction des Travaux.

Sofort zu kaufen gesucht

ein 400 Meter gebrauchte Rollbahngelände mit Quer-; schienen, 2 Seitenklippwagen und 2 Steinwagen.

Offerten an die

Wasserbaukommission March in Lachen.

Engagement sucht

Erste kaufm. Kraft,

seit mehreren Jahren als Leiter bei industriellen Unter-; nehmen tätig, von tadellosem Ruf und Charakter, erprobter Disponent und tüchtiger Organisator, versiert im Verkehr mit der Kundschaft als

kaufmännischer Direktor.

Prima Zeugnisse und erstklassige Referenzen aus in-; dustriellen Kreisen stehen zur Verfügung.

Gefl. Offerten erbeten unter Chiffre Z. K. 660 an die Annoncen-Expedition **Rudolf Mosse, Zürich.**

Kanalisation Glarus.

Bauausschreibung.

Der Gemeinderat Glarus, namens der Gemeinde Glarus, eröffnet hiemit Konkurrenz über Erstellung des III. Bauloses mit oder ohne Röhren-; lieferung der Neukanalisation des Stadtteiles «Alt-Glarus».

Die Pläne und speziellen Bauvorschriften liegen vom 25. Januar an in der Gemeindekanzlei zur Einsicht auf, woselbst auch Eingabeformulare für Uebernahtsofferten bezogen werden können.

Eingaben sind schriftlich und verschlossen mit der Aufschrift «Kana-; lisation Glarus» zu versehen und spätestens bis zum 8. Februar dem Präsi-; denten der gemeinderätlichen Baukommission, Herrn Caspar Luhsinger-; Trümpler in Glarus, einzureichen.

Glarus, 24. Januar 1906.

Die gemeinderätliche Baukommission.

Schweizerische Bundesbahnen.

Kreis II.

Ausschreibung von Bauarbeiten.

Die Erstellung der **Kuppeln aus Eisenbeton** für die Pylonen des neuen Aufnahmegebäudes in Basel wird hiemit zur Konkurrenz aus-; geschrieben.

Pläne und Uebernahtsbedingungen sind im Bureau der Bauleitung, Wallstrasse 19, II. Stock, zur Einsicht aufgelegt.

Ausführungsprojekte und Uebernahtsofferten sind bis 12. Februar 1906 verschlossen mit der Aufschrift: »Pylonenkuppeln« der unterzeichneten Kreisdirektion einzureichen.

Später eintreffende Angebote finden keine Berücksichtigung.

Basel, den 24. Januar 1906.

Kreisdirektion II
der Schweiz. Bundesbahnen.

Gesucht

technisch gebildeter und in grösseren Bauten praktisch erfahrener

Bauführer

für den „Saalbau St. Gallen“.

Anmeldung unter Angabe der Honoraransprüche bei Herrn Ge-; meindebaumeister Pfeiffer, ebenso nähere Auskunft bezüglich zu über-; nehmender Funktionen.

GESUCHT:

Maschineningenieur mit vollständiger polytechnischer Bildung für das techn. Bureau (Abteilung Allgem. Maschinenbau) einer modern ein-; gerichteten Maschinenfabrik der Westschweiz als Chef dieser Abteilung bei gutem Gehalt und andern günstigen Bedingungen. Tüchtige, prompt und sicher disponierende, seriöse Herren, womöglich nicht über 35 Jahre alt, die auf dauernde Stellung reflektieren, wollen sich melden mit Angaben über bisherige Tätigkeit unter Chiffre B. B. 6049 bei der Annoncen-Expedition **Rudolf Mosse, Basel.**

Mechan. Bauschreinerei und Parquet-Fabrik Stuber & Co., Schüpfen (Bern)

empfiehlt:

Parquets in allen Holzarten, vom einfachsten bis reichsten Dessin.
Bauschreinerarbeiten,
Fenster und Türen als Spezialität.
Prompte Bedienung. Vortreffliche Preise. Man verlange Offerten.

Bopp & Reuther, Mannheim-Waldhof

Maschinen- und Armaturen-Fabrik.

Vertreter für die Schweiz: Ingenieur Fritz Hetzel, Basel, Petersgraben.

Wasserversorgung.

Wir haben unsere

Jahrzehntelange reiche Erfahrung und Spezialität in Ausführung von
übertragen und behufs besserer Bekanntmachung unserer Technik für

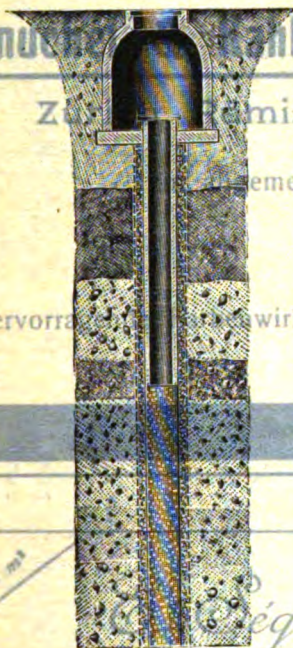
1. Tiefbohrungen nach Wasser

(Rohrbrunnen)

jeder Dimension und Tiefe für weitestgehende Ansprüche nach eigenem bewährten System.

Über 2800 Brunnenbohrungen ausgeführt mit Leistungen bis 120 Sekundenliter pro Brunnen.

Skizze eines
Rohrbrunnens.



Vorteile

unseres Systems gegenüber gemauerten Brunnen:

- Einfachste zweckmäßigste Konstruktion,
- Billigere und reichere Ausführung,
- Größere Verenkungstiefen möglich,
- Höchste erreichbare Ergiebigkeit,
- Kein Verlanden der Brunnen möglich,
- Freier Eintritt des Wassers in die Brunnen,
- Sicherer Erfolg der Herstellung auf Grund von
- Verfuchsbohrungen,
- Schiebung des Untergrundes und die Gefahr für
- benachbarte Gebäude ausgechloffen,
- Größte Dauerhaftigkeit.

Je nach dem Untergrunde, dem Zweck und Wasserbedarf führen wir
die Bohrungen aus

in 150, 200, 240 und 300 m/m Weite
für den Hausbedarf, öffentliche Anlagen, Kasernen usw.

in 400, 500, 800 und 1000 m/m Weite
zur Versorgung von Städten,
Gemeinden, Bahnhöfen, industriellen Werken usw.

2. Pumpen und Pumpwerke

jeder Art und Größe in vollendetsten Konstruktionen und solider Ausführung

zur Wasserversorgung von Städten, Gemeinden, Bahnhöfen,

Eisenbahnstationen, industriellen Werken, Brauereien,

zur Wasserhaltung, zur Kesselspeisung, Ent- und Bewässerung usw. usw.

3. Wasserleitungsarmaturen

Formstücke, Wassermesser usw.

in unseren bekannten, zweckmäßigen, soliden und unübertroffenen
Originalkonstruktionen

Vorschläge und Kostenberechnungen für jeden speziellen Fall.

Referenzen und Spezialprospekte auf Wunsch.

Eigentumsrecht vorbehalten die Schweiz:

W. Wolf, Ing., Zürich.

Wir haben Rohrbrunnen
ausgeführt für die Städte:

Blankenburg, Breilach,
Botoani i. Rumänien,
Bucarest, Darmitadt,
Frankfurt a. M., Düsseldorf,
Duisburg, Gernersheim,
Hameln, Kassel, Kassel,
Köln a. Rh., Kollheim,
Kolmar, Landsberg a. W.,
Mainz, Mannheim,
München-Gladbach,
Nymegen, Offenbach a. M.,
Roermond, Speyer a. R.,
Tilburg, Wiesbaden, Worm,
Würzburg, Zürich (Schweiz)
usw. usw.,

für die

Kgl. Preuß. Staatseisenbahn
Kgl. Bayer. Pfälz. Eisenbahn
Großh. Bad. Staatseisenbahn
„ „ Oberdirektion
für Wasser u. Straßenbau
Kais. Fortifikation

und auf der Straßburg i. F.
Artilleriekaserne Latir i. B.
Bafenanlage in Kehl,
für

Brauereien, Färbereien, u.
für die Färberei und Appret
Ges., vorm. Clavel & Lini
meyer, Basel, 100 Se
liter mit 1 Brunnen,

Wäldereten,
Chemische Fabriken,
Papierfabriken, Sättener
Zedlenplätze,
Elektrizitätswerke, Sanatori
Badeanstalten usw.

החלטת הוועדה להגנת הפרט

Witzburg, Zuzaden (Zweiz
Ciburg, Wiesbaden, Worm
Roermond, Zeger a. R.,
Nijmegen, Ottenbach a. M.,
Münster-Gelbada,
Malin, Munneim,
Kolmar, Landstede a. W.,
Köln a. Rh., Kollneim,
Duisburg, Kallert, Kallert,
Duisburg, Gemersheim,
Frankfurt a. M., Dillendorf,
Bucarest, Darmstadt,
Bologna i. Romagna,
Blaubeurg, Bielefeld,
ausgeführt für die Städte:
Wir haben Koblenz

Für die
 Kgl. Preuss. Staatsseilbahn.
 Kgl. Bayer. Pilsz-Eisenbahn
 Göstl. Bad. Staatsseilbahn
 " " Oberrhein
 für Wasser- u. Seilbahnen
 Kgl. Fortifikation
 Staßfurt i. E.
 Rillenteilekanten Bohr i. B.
 Füllungspläne in Kettl.

Elektrische Leitungen, Kabel, Antennen
 Rohmaterialien
 Zersägen, Schleifen, Schweißen
 Polierarbeiten, Glätten, Schleifen
 Chemische Färberei
 Wollwäscherei
 Wäsche mit 1 Rührwanne
 weiches Bad, 100 Sek.
 Ger., warm. Glätt & Plünder
 für die 777 Federwaage und
 Rührwanne, 200 Stk. in

Größe Dauerhaftigkeit.
benutzbare Gebäude auszuweisen,
z.B. die Nutzung des Gebäudes und die Größe
Verkehrsbeziehungen,
z.B. der Anteil der Bevölkerung auf Grund
freier Einkünfte des Wälfers in die Binnung,
kein Verändern der Binnung möglich,
Größe erzielbare Ertragskraft,
Billigere und höhere Ausnutzung
Einmalige zweckmäßige Konfiguration,
untere Hälfte der Gesamten Binnung:

Zusammengefasst, Rohstoffe, industriellen Werkzeugen usw.
zur Verfügung von Städten.

in 400, 200, 800 und 1000 m^m Weite
für den桑bedarf, öffentliche Anlagen, Katenments usw.

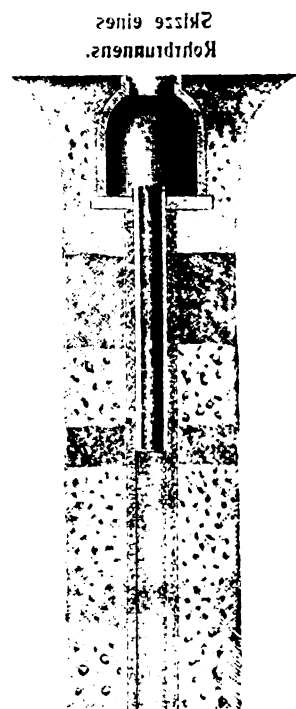
in 120, 200, 240 und 300 m^m Weite
die Rohlingen aus
Je nach dem Untergrunde, dem Zweck und Wässerbedarf führen wir

zur Weiterführung der Kettebildung Ent- und Rückführung der
Eilendstationen, individuellen Werten, Rhythmen
zur Weiterentwicklung von Städten, Gemeinden, Bahnhöfen,
jeder Art und Größe in vollendeten Konstruktionen und folgender Ausführung

[illegible]

Vorablage und Kollisionsrechnung für jeden speziellen Fall.

Relevenzen und Spezialabstände zu Werten.



Robinsons.
2122 61st

Parquet in prima Eiche und Buche  Ton-, Steinzeug- u. glas. Wandplatten

la. engl. Steinzeug-Closets, Marke Glahn

The Cloisonne Glass Co. London.

Wir haben unsere Generalvertretung für die Schweiz

Herrn **Felix Beran**, Bautechnisches Bureau, **Zürich**,
übertragen und behufs besserer Bekanntmachung unserer Technik für

Künstlerische Buntverglasung

ausgeführte Cloisonne-Verglasungen im Schaufenster der Herren

Knuchel & Kahl, Möbel- & Dekorationen,

Zürich, Rämistrasse 17 (Freie Schule)

zur allgemeinen Besichtigung ausgestellt.

The Cloisonne
Glass Co., London.

Hervorragende Farbenwirkung abends bei künstlicher Beleuchtung!

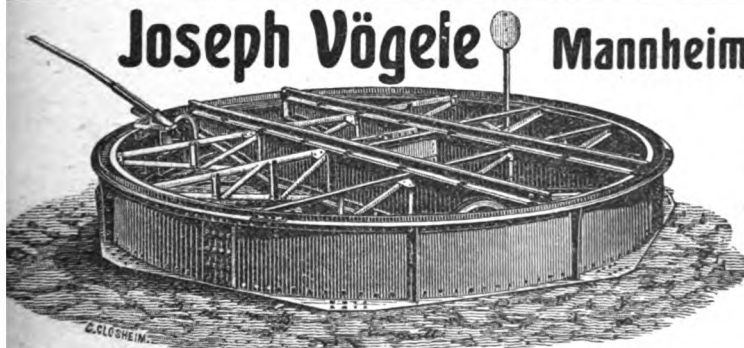
Im Gebrauch
über 500,000 m²

E. Séguins Euböolithbelag

Garantierte Ausführung durch eigene Arbeiter.

Generalvertreter: Felix Beran, Zürich.

Joseph Vögele Mannheim

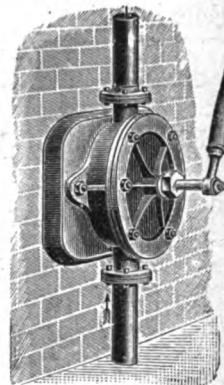


liefert seit 1842:
Weichen jeder Bauart und Spur-
weite für Haupt- und Nebenbahnen;
Federungenweichen, Patent Bo-
chumer Verein.
Herzstücke; Kreuzungen;
Drehscheiben und Schiebebühnen
für Lokomotiven und Wagen, mit
Hand-, Dampf- und elektr. Antrieb.
Rangierwinden, Spills, elektr. an-
getrieben,
Stellwerke, Schlagbäume.

Vertreter für die Schweiz:
W. Wolf, Ing., Zürich.

Flügel-Pumpen

zum Heben von Wasser,
Petroleum, Lauge etc.



Pumpen und Armaturen jeder Art.

Bopp & Reuther, Mannheim.



Fabrik-Zeichen
gesetzlich geschützt.

Präzisions- und
Schul-Reisszeuge

E. O. Richter & Co.
Chemnitz i. Sachsen

Zerlegbare Treib- Ketten

genau calibriert
und auf der Streck-
maschine probiert,
sowie
schmiedbaren
Guss- und
Stahlguss

fertigen prompt und
in bester Qualität

Gross & Froelich
Stuttgart.

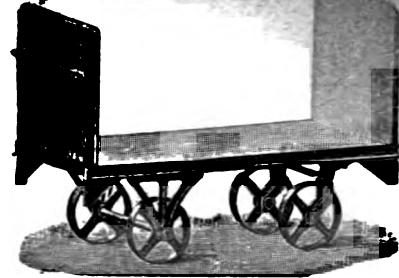
Für Massenartikel mit Formmaschinen neue-
ster und bester Construction eingerichtet

Patent-Bureau

J. Aumund, Ing., Zürich
Rämistr. 6, I. Etage.



Oehler & Co., Aarau, Maschinenfabrik, Eisen- u. Stahlessereien.



Spezialitäten: Stahlgeleise und Wagen für Bauunternehmer und industrielle Etablissements, eiserne Schubkarren, Kistenkarren, Perronwagen und Handfuhrgeräte aller Art,

Bremsberganlagen

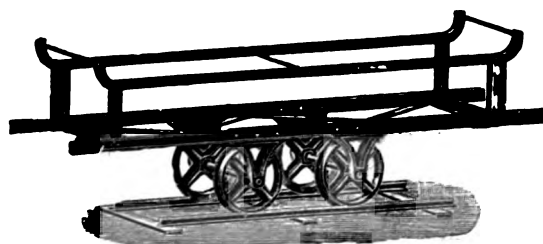
und **Luftseilbahnen** verschiedener Systeme,



Schiebeebühnen

und **Drehseheiben** für Normal- und Schmalspurbahnen,

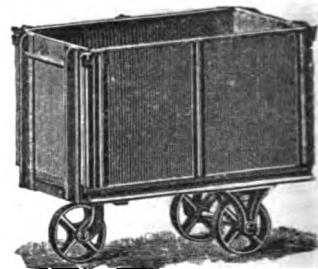
Baggermaschinen, Torfpressen mit zugehörigem Rollmaterial,



Betonmischmaschinen,
mechanische Aufzüge u. Elevatoren,

Grauguss,

Haberlandguss etc.



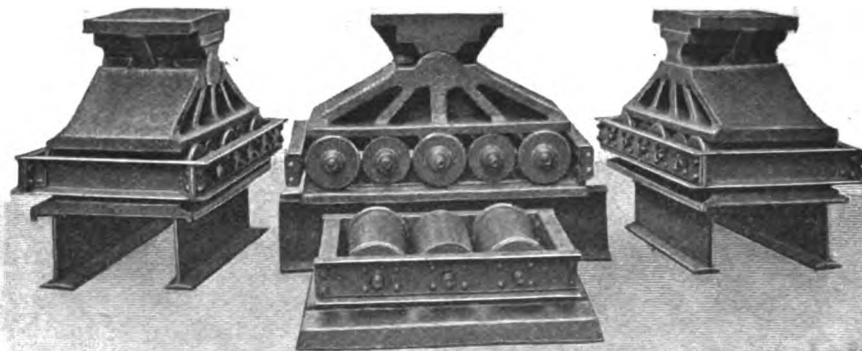
1.-G. der Eisen- und Stahlwerke vorm. Georg Fischer in SCHAFFHAUSEN (Schweiz).

Weichguss

aus

prima Rohmaterial
sorgfältig geformt,
gut gegläht
u. sauber verputzt.

222



Fittings

Marke

+G F+

über 4000 Modelle,
jedes Stück kontrolliert,
höchste Wider-
standsfähigkeit
geg. innern Druck.

Stahlguss-Stücke für den Bau von:

Lokomotiven,
Waggons,
Dynamos,
Motoren,
Dampfmaschinen,

Dampfturbinen,
Kranen,
Werkzeug-
Maschinen,
Automobilen,

Turbinen,
Pumpen,
Brücken,
Schiffen,
Transmissionen,

für hydraulische,
pneumatische und
Dampf-Anlagen,
für die Ziegelei-
die Zement- und

die chemische
Industrie,
für Hammer- und
Walzwerke, für
Kesselschmieden etc.

Unser Stahlguss ist leicht zu bearbeiten, zuverlässig und dabei sorgfältig geformt und gut verputzt, sein Härtegrad wird dem jeweiligen Verwendungszweck der Abgüsse angepasst.

empfehlte sich zur Erstellung von **Zentralheizungen aller Systeme; Wäschereien, Tröcknereien, Bade-Einrichtungen und Desinfektions-Apparate, Giesserei, Kupfer- und Kesselschmiedearbeiten.** — Fabrik: Station Ostermündingen. Depot: Speichergasse Nr. 35, Bern.

Une inscription est ouverte pour la place de
contremaître
à l'usine à gaz de la Ville de Genève.
Il est exigé des postulants d'avoir fait un stage dans une usine à gaz et de bien connaître la mécanique.
L'inscription est ouverte jusqu'au 31 courant auprès du Secrétaire des Services Industriels, Hôtel Municipal, Genève.

Gasmotoren-Fabrik Deutz

Filiale Zürich

Bahnhofplatz 5, beim Hauptbahnhof.

Deutzer Motoren

von 1—6000 P.S. und darüber
für Gas, Benzin, Petrol, Acetylen etc.,
anerkannt vorzüglichste Konstruktion
mit geringstem Brennstoffverbrauch.

Kraftgasmotoren

von 4—6000 P.S. Kohlenverbrauch für nur 1½—3 Cts. pro eff. Pferdekraftstunde. Prima Referenzen über zahlreiche in der Schweiz ausgeführte Anlagen von 6—300 P.S.

Motoren für elektrische Beleuchtungsanlagen.

Benzin- und Petrol-Lokomobilen.

Schiffsmotoren, Motorboote.

Benzin-Lokomotiven.

75 000 Motoren im Betrieb.

Der beste Bodenbelag

für stark begangene Lokalitäten ist

Riemenboden

in

Indisch. Hartholz „Limh“.

Laut Befund der Eidg. Materialprüfungsanstalt:
Grösste Widerstandsfähigkeit gegen Abnutzung.
Geringste Veränderung des Volumen.

Prima Atteste erster Autoritäten des In- und Auslandes, sowie Muster zur Verfügung.

Parquet- & Chalet-Fabrik Interlaken.

Grandes Carrières de St-Imier (Jura)

Steinbrüche in St. Imier und Villeret
Oeschger, L'Hardy & Co.,
Nachfolger von **Rothacher & Co.**

Hellgelber Kalkstein

Druckfestigkeit 1892 kg per cm², politurfähig, gleichmässige Struktur, Werkstücke in allen Grössen bis zu 5 m³.

Grosser Steinmetzbetrieb, Steinsägerel etc.

Unentbehrlich! Wichtige Bauneuheit. Unentbehrlich!

Einrichtung zur sicheren Feststellung von Mauerlängsfugen unter dem Putz, der Tapete etc., zur **Verhinderung des schädlichen Vernagelns der Wandflächen in Wohnräumen etc.** Patente überall angemeldet.

Ausschliesslich in den Zimmerecken werden von der Decke aus beginnend in jeder Lagerfuge unter einander in einer Linie **Korkdübel mit verzinkten Nägeln** aufgenagelt, die eingeputzt und deren Lage sich durch Beklopfen später vor dem Einnageln von Nägeln, Kloben, zwecks Anbringung von Bildern, Gardinen, Installationsteilen etc. durch den abweichenden Ton, den die Dübel gegenüber der anderen Putzfläche abgeben, festgestellt werden. Die Verbindung solcher neben einander liegenden Dübelstellen zweier benachbarter Wandflächen durch eine Schnurlinie ergibt auf letzterer auf jedem Punkt derselben die Lagerfuge. Grosse Ersparnisse bei Hausbesitzern! Architekten und Baumeistern willkommene billige Gelegenheit, einem grossen Uebelstand zu steuern.

Die zum Aufnageln fertigen Hördübel
liefert pro 1000 Stück
OTTO WILHELMI, Ing., KÜSNACHT-Zürich.
Vertreter und Lizenznehmer gesucht.

Fugenloser Terralith Fussboden

(Patent angemeldet). Viele 1000 m² im Gebrauch.

Steinholz-Estrich,

beste und wärmste Linoleum-Unterlage,
Hartboden und Wandbeläge
in Zement, Steinzeug und glasierten Platten
erstellt mit Garantie und in sauberster Ausführung

Vinz. Kramer, Lagerstrasse, Zürich.

Kullmann & Lina, Frankfurt a. M.

Spezialfabrik für sanitäre Anlagen.

Eiserne Bedürfnis-Häuschen.

Pissoir-Anlagen für Oelung wie Bewässerung.

Kloset-Anlagen, Schwemmrohr-, Tonnen-, Wasser- und Torfmüll-Systeme.

Zentralheizungen. Wasserleitungen. Bade-Anlagen.

Thonwerk Biebrich, A.-G.

Biebrich a/Rhein

beste Referenzen und Zeugnisse aus der Schweiz,

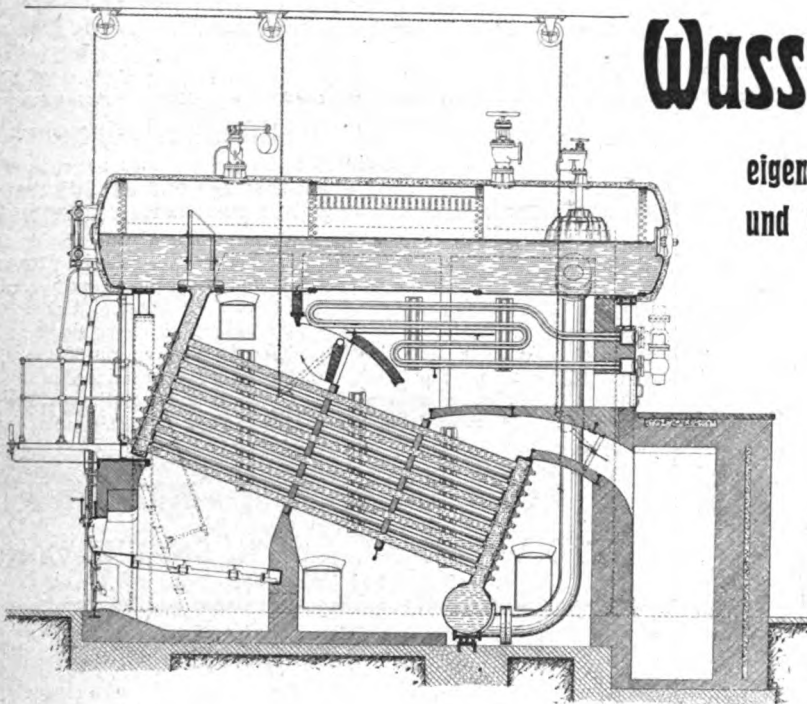
liefert die für den **Bau und Betrieb** von **Gasanstalten, Zementfabriken, Chemischen Fabriken, Cellulosefabriken, Schweiss- und Puddelwerken, Eisengiessereien**, sowie für **Dampfkessel** und sonstige **Feuerungsanlagen** notwendigen

feuerfesten und säurebeständigen Produkte

Retorten, Form- u. Normalsteine, Gloverringe, Mörtel etc.

GEBRÜEDER SULZER

WINTERTHUR



Wasserröhren-Kessel

eigenen Systems, von jeder Grösse
und für jeden Betriebsdruck.

**Kräftige Zirkulation und grosse
Leistungsfähigkeit infolge di-
rekter Wasserzuführung zu den
unteren Rohrreihen.**

Hohe Verbrennungskammer.

Grosser Dampfraum.

**Bewährte Konstruktion der Ver-
schlussdeckel.**

Ueberhitzer, regulier- und ausschaltbar.

Ausgeführte Anlagen u. a.: Städtische Elektrizitätswerke St. Gallen, Locle, Winterthur etc.

J. Walser & Cie. Winterthur.

Spezial-Geschäft für
Hochkamine,

**Kesseleinmauerungen,
Maschinen-Fundamente.**

Ofenbauten

für alle industriellen Zwecke.

Ziegelei-Anlagen.

Beständiges Lager in

hochfeuerfesten Materialien.

Reparaturen und Umbauten werden prompt
und gewissenhaft ausgeführt.

Projekte und Offerten kostenlos.



Heinrich Brändli, Horgen Asphalt-, Dachpappen- u. Holzzement-Fabrik

liefert:

Asphaltplatten, kombiniert mit Jute- und Filz-Einlagen,
bekiest, besandet oder glatt, für wasserlichte Ein-
deckungen bei: Eisenbahnen, Strassen, Hoch- und Tief-
bau-Arbeiten, mit Garantieübernahme. — Referenzen
zu Diensten.

Telegramme: Heinrich Brändli, Horgen. ✱ Telephon.

KIRCHNER & CO.

Leipzig-Sellerhausen.

Grosste Spezialfabrik von

Sägewerkmaschinen

und

Holzbearbeitungsmaschinen

Ueber 110 000 Maschinen geliefert.

62 höchste Auszeichnungen.

Weltausstellung Paris 1900:

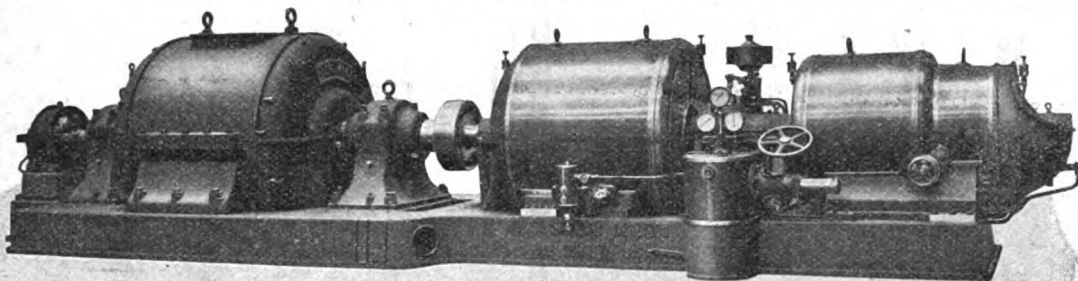
Höchste Auszeichnung „Grand Prix“.

Filiale: ZÜRICH, Bahnhofstr. 89,

— TELEPHON 3866. —



Dampfturbinen



direkt gekuppelt mit Generatoren für Gleich-, Wechsel- oder Drehstrom

Maschinenfabrik Oerlikon

Telegramme: Usine Oerlikon

Oerlikon bei Zürich

Bleikabel

Draht- und Kabelwerke Suhner & Co.

Herisau

Brugg

Drahtseile

Der echt amerikanische verbesserte
Schnellschneidestahl „Bullet“

Ist heute unbestreitbar der beste und hochwertigste RAPIDSTAHL auf dem Markte.

Spezialqualitäten für Dreh- u. Hobelstähe und für Fraiser, Reibahlen, Bohrer etc. — Der echt amerikanische Rapidstahl «BULLET» ist einfacher und leichter zu behandeln als gewöhnliche Normalstähle.

Man verlange Preise und Prospekte von den Vertretern und Alleindepositären für die Schweiz:

Affolter, Christen & Co. in Basel.
Eisen und Stähle en gros.



Konkurrenzlose
Ausführung

Glas-Wandplatten

Grösste
Haltbarkeit

Patent Nr. 30424

zu Wand- u. Decken-Verkleidungen, Fassadendekorationen etc.
Eigenes Verfahren. Ausstellung London 1905: GRAND PRIX.
Grösste Isolierfähigkeit gegen Säuren, Wandfeuchtigkeit etc.

R. Dietrich & Cie., Altstetten-Zürich.

D. R. P. Nr. 162 587.

Patent angemeldet.

Doloment. Bester Ersatz f. Linoleum und Terrazzoböden.

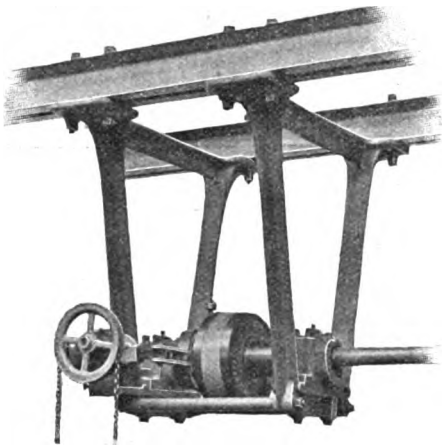
Neue Ausfüh- rung:	Siemens & Halske A.-G., Berlin, 1904	= 17,500 m ²
	Siemens & Halske A.-G., Berlin, 1905	= 15,000 m ²
	Cirque Metropole, Paris, 1905	= 20,000 m ²

Muster und Prospekte gratis und franko.

Dolomentwerke Jacob Tschopp & E. Merz, Basel.

Für Techn. Vorarbeiten im Bahn- und Strassenbau empfehlen
sich B. Emch, Ingenieurbureau. Bern. Mattenhofstr.

Eisenwerk Glus



Beun's Patent Reibungskupplungen

Zum Ein- und Ausrücken von ganzen Wellensträngen oder einzelnen Maschinen während des Betriebes. Vollständig geschlossene Ausführungsform; für höchste Tourenzahlen verwendbar; selbsttätige Schmierung der inneren Teile.

Lager mit Ringschmierung:

Selleralager mit herausnehmbarer unterer Laufschaale, Patent, als Stehlager, Hängelager, Wand- und Säulen-Konsollager.

Feste Stehlager mit herausnehmbaren Weissmetall- oder Bronzeschalen für Massivwellen und Hohlwellen.

Komplette Transmissionsanlagen für alle Industriezweige.

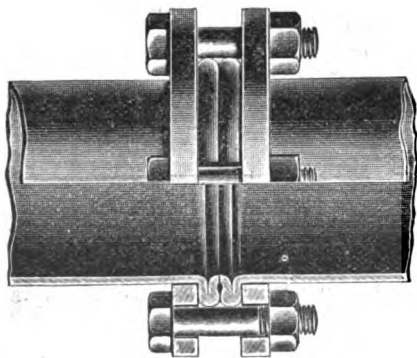
Deutsch-Oesterreichische

Mannesmannröhren-Werke

Düsseldorf

liefern:

Düsseldorf 1902:
Goldene Staats-Medaille.



Düsseldorf 1902:
Goldene Ausstellungs-Medaille.

Rohrleitungen für Hochdruck

aus nahtlosem Mannesmann Stahlrohr
mit patent. Doppelbördel-Flansch-Verbindung
und anderen Verbindungsarten.

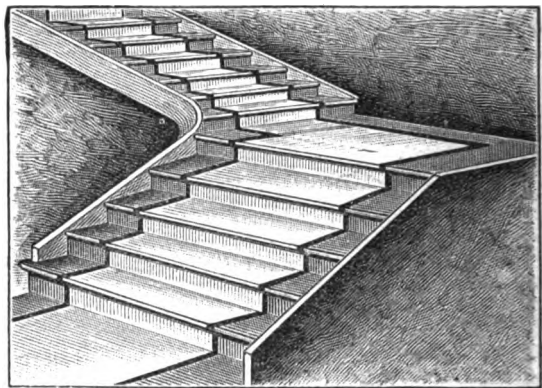
Grosse Längen. — Höchste Betriebssicherheit.

Vertreter: Alf. Diener & Cie., Zürich.

Patent Nr. 9080

Treppenstufen aus Xylolith

für Belag von



Eisernen Treppen; Hölzernen und Betontreppen;
Wendeltreppen; abgelaufene Sandsteintreppen.

Grosse Standsicherheit, feuersicher, grösste Solidität.

Unifarben oder mit gefärbtem Treppenläufer.

Einzig in der Schweiz bis jetzt ca. 200 000 m² Böden und
ca. 10 000 Treppenstufen gelegt.

Für feinste Ausführung von Treppenanlagen

mit Marmorbelag oder Granit- und Marmor-Imitation in beliebigen Farben
mit Garantie f. Haltbarkeit, sowie für Renovation von alten ausgetretenen
Steltreppen

empfiehlt sich J. KULL, Steinfabrik, Zürich-Wollishofen,
bestens

TELEPHON Nr. 117

TELEPHON Nr. 117

Gesellschaft der

Ludwig von Roll'schen Eisenwerke

Filiale: Giesserei Bern liefert:



Giesserei Bern
Wagendrehscheibe
Nr. 16

Hebezeuge jeder Art als Laufkräne, und feste oder fahrbar
elektrischen Betrieb; Drehkräne für Hand- und speziell
Anzüge für hydraulischen, elektrischen
und Transmissionsbetrieb.

Eisenbahnmateriäl als Drehscheiben und Schieberbahnen
für Wagen und Lokomotiven; Hand-,
Dampf- und elektrischer Betrieb.
Weichen für Haupt- u. Nebenbahnen, für Vignol- u. Rillen-Schieben.
Barrieren mit und ohne Verriegelung und Vorläuten.

Zahnstangenoberbau; komplette Seilbahnen

für Güter- und Personentransport. (Eigene patentierte Systeme).
Seit 1898 25 Touristen-Seilbahnen geliefert.

Schleusenanlagen, Schützenwehre, Walzenwehre für Hand- und elektrischen Antrieb.

Hydraulische, automatische Zementsteindruckpressen.

Angaben über zahlreiche Ausführungen, Referenzen, Projekte
und Kostenvoranschläge stehen zu Diensten.

Altorfer & Lehmann, Zofingen

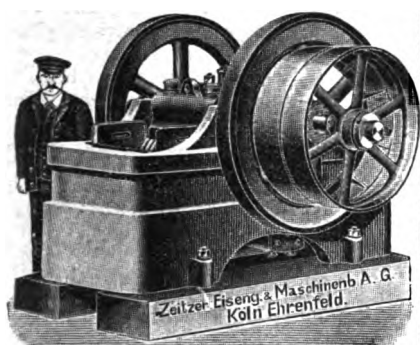
Filialen: St. Gallen und Lugano.

stellen unter
weitgehend-
ster Garantie:

Sanitare Anlagen,

wie Bad-,
Wasch-, Closet-
und Toilette-Einrichtungen.

Anlagen von den einfachsten bis zu den elegantesten Aus-
führungen. Ausarbeitung v. Projekten u. Kostenvoransch. gratis



Zeitler Eisengiesserei u. Maschinenbau Aktien-Gesellschaft.

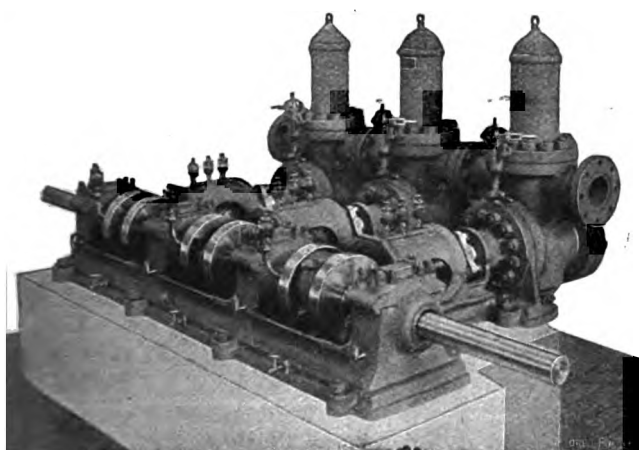
Zweigniederlassung KÖLN-EHRENFELD, vorm. LOUIS JÄGER.

Ziegeleimaschinen

aller Art wie: Strangpressen, Falzriegelpressen, Nackpressen, Walswerke, Tonmischer,
Komplette Ziegelei-Anlagen, Falzriegel, Tonröhren und Chamotte-Fabriken.

Zerkleinerungsmaschinen

für Hartzerkleinerung. Komplette Zerkleinerungs-Anlagen, Schotteranlagen, Kiesserklein-
erungen, Kokszerkleinerungs- und Siebanlagen, Transmissionen.



Die Aktiengesellschaft der Maschinenfabrik von Louis Giroud in Olten baut

== Pumpen ==

aller Art, zur Wasserversorgung von Fabriken, Villen, Hotels
und ganzen Ortschaften.

Kolbenpumpen für alle Druckhöhen, langsam gehende und Schnellläufer, für
Transmissionen, Dampf-, Gas-, Petrol- und Elektromotorenbetrieb.

Ferner **Zentrifugalpumpen, Teer- und Ammoniakwasserpumpen,**
Rotationspumpen System Enke, **Transmissionen, Armaturen und Apparate**
für **Gasfabriken, Dampfwäschereianlagen.**

Offerten werden auf gefällige Anfrage sofort zugestellt.

Acetylen-Apparat „BLITZ“

Unentbehrlich f. Baumeister, Tunnel-
bau, Bahnbau etc.

Vorzügliche Bauart, leicht tragbar,
einfache Bedienung.

Zeugnisse u. Referenzen zur Verfügung.

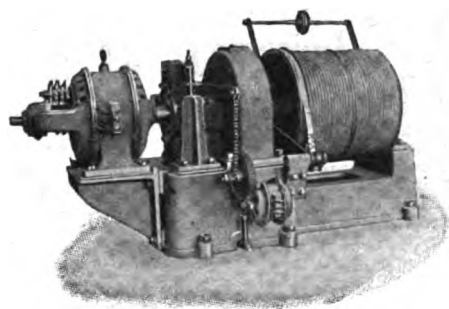
J. BRUNSCHWYLER

Bäckerstrasse, ZÜRICH

Alleinfabrikant



Elektrische Aufzüge (Lifts)



mit automatisch-elektrischer Druckknopfsteuerung
liefern als **Spezialität** in modernster und bester Ausführung

C. Wüst & Cie., Seebach-Zürich.

Vorzüge unseres Systems:

Absolut zuverlässige einfache Steuerung.
Sehr geringer Stromverbrauch, daher billigster Betrieb.
Prima Referenzen.

Projekte und Lieferungs-offerten prompt und kostenlos.

Gesucht

zu raschem Eintritt ein erfahrener, selbständiger

== Bauführer ==

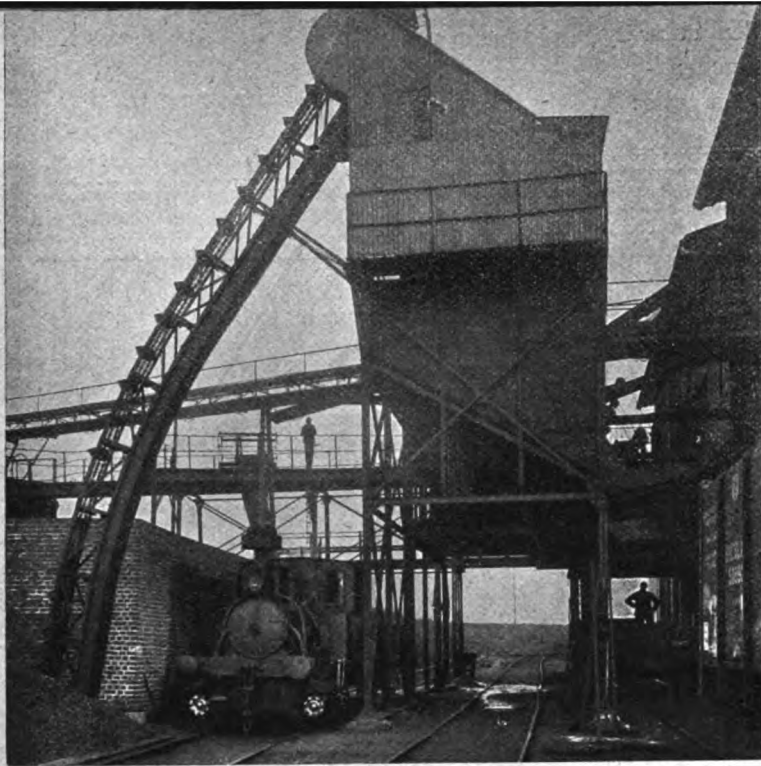
zur Beaufsichtigung des Unterbaues, Hoch- und Kunstbauten einer grösseren
Bahnbaute im Tessin. Dauer bis gegen Ende Jahres. Gefl. Offerten mit
Gehaltsangabe und Ausweis über bisherige Tätigkeit erbeten an:

Aktiengesellschaft vormals Joh. Jakob Rieter & Cie., Winterthur

Personen- u. Warenaufzüge

liefert als Spezialität

J. Ruegger, Maschinenfabrik, Birsigstrasse 5, Basel.



Eisengiesserei und Apparate-Bauanstalt Stuttgart VIII

gegründet 1860
liefert als Spezialität:
Transport-Apparate
für Massengüter jeder Art,
wie Elevatoren,
Transporteure, Aufzüge,
Transportschnecken,
Förderrohre, Kessel-
beschickungs-Anlagen
etc. etc.
in allen Grössen und
für alle Verhältnisse.

Zerlegbare Treib- und Stahlbolzenketten.

Herstellung von schmied-
barem Eisenguss,
Temperstahlguss und
Grauguss in
anerkannt vorzüglicher
Qualität.

Kataloge, Projekte
und Ingenieurbesuch zur
Verfügung.

Erstklassige Referenzen.

I. H. Schindler & Co. Zivil-Ingenieur, Bendlikon-Zürich.

Beratung in technischen Fragen;
Ausarbeitung und Begutachtung von
Projekten; Aufstellung von Kosten-
voranschlägen. — Elektr. Bahnen,
Pumpwerke, Wasserversorgungen.
Konzessionsanfragen.

Referenzen von ausgeführten Wer-
ken: La Goule, Sonceboz, Moutier,
Arosa, Linthal, Biel-Leubringen,
St. Imier-Sonnenberg usw. stehen zu
Diensten.

A. Juoker, Nachf. v. Juoker-Wegmann, Papierhandlung z. Hecht. Schifflande 11, Zürich.

Grosses Lager
von
Pauspapieren, Pausleinen,
und Zeichenpapier,
Rollen und Bogen,
in nur vorzüglichen Qualitäten.
Holzsementpapier, Dach-
pappen, Bodenbelag- u.
Teppich-Unterlag-Papiere.

Wellblech-Konstruktionen,



Träger
und Be-
dachungs-
wellblech,
schwarz u.
galvanisiert
Rolladen

Wellblech-Walzwerk
Suter-Strehler & Co., Zürich

Betonpfahl- Rammen

sowie hierzu erforderliche
Schlaghauben.

Bestbewährte



Spezialkonstruktion.

Menck & Hambrock
Altona-Hamburg 32.

Spezialitäten der Ersten Süddeutschen Manometerbau-Anstalt
und Federtriebwerk-Fabrik

J. C. Eckardt, Cannstatt-Stuttgart 9

Manometer aller Art
Thermometer, Pyrometer, Zugmesser
Kolbenwassermesser für Dampfkessel
(verbessertes System Kennedy.)

Referenzen von Behörden und ersten Firmen.

Neu! Patent- Neu!

Druckregler für Abdampfheizungen

Einfache Konstruktion. Grösste Betriebssicherheit.

Man verlange Prospekte.

Haniel & Lueg Maschinenfabrik Eisen- und Stahlwerk Düsseldorf-Grafenberg.

Hydr. Nieteinrichtungen mit beweglichen und festen
Nietern,

Hydr. Blechbiegemaschinen,

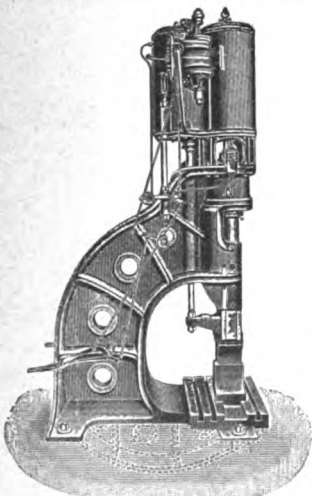
Hydr. Flansch- und Börtelmaschinen.

Hydr. Schmiedepressen, Scheren, u. s. w.

Hydr. Hebevorrichtungen,

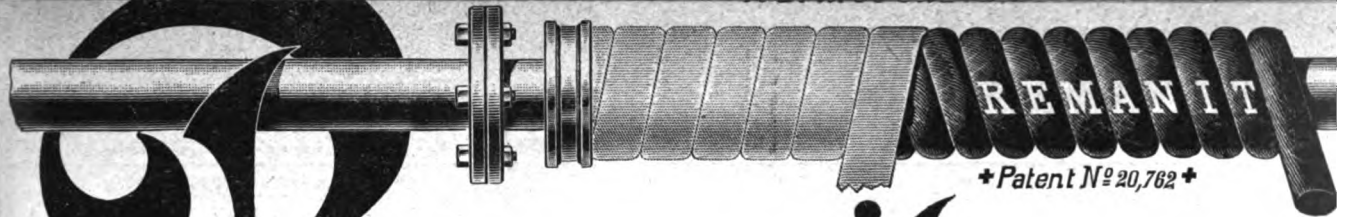
Schmiedestücke aus Stahl, Flusseisen und Nickelstahl,
in jeder Grösse bis zu 40 000 kg Stückgewicht,

Stahlformguss bis zu 50 000 kg Stückgewicht.



Dampfhdraulische Schnellschmiedepresse.

Vertreter für die Schweiz: Ingenieur A. Rubin, Zürich, Bahnhofstr. 94.



Bestes Isoliermaterial

erzielt über 90% Nutz

Remanit besteht aus karbonisierten Seiden-Zöpfen, -Polstern und -Decken

Remanit ist unerreicht als Isoliermittel für:

Zentralheizungs- u. Warmwasser-Anlagen

gegen Wärme-Verluste

Kaltwasser-Leitungen

gegen Einfrieren u. Schwitzen

General-Vertretung
und Depot:

WANNER & C^{IE}, HORG

Ausführung jeder Art Isolierungen durch eigene Facharbeiter.

Spezialgeschäft für Isolierungen aller Art.

Strassenbau-Ausschreibung.

Der Gemeinderat von Flums schreibt hiemit folgende Strassenbauarbeiten zur freien Konkurrenz aus:

1. Korrektur der Grossehergstrasse von der Tobelbrücke bis zur Platte.

Länge	490 m
Erd- und Felsarbeiten zirka	1,750 m ³
Zementrohrdurchlässe zirka	60 m
Mauerwerk zirka	950 m ³
Chaussierung zirka	1,500 m ²

2. Bau einer Strasse von Gafelle über Klefau nach Mutte.

Länge	2,780 m
Erd- und Felsarbeiten zirka	14,500 m ³
Zementrohrdurchlässe zirka	300 m
Mauerwerk zirka	3,000 m ³
Pflasterungen zirka	400 m ²
Chaussierung zirka	10 000 m ²

3. Erstellung des Oberbaues zweier eiserner Brücken an letztgenannter Strasse.

Gewicht inklusive Belag etc. zirka	7 t
------------------------------------	-----

4. Erstellung der eisernen Geländer an oben genannten Strassen.

Geländerpfosten-Profil 1, Nr. 10, 140 m lang, zirka	200 Stück
Rundstangen von 30 mm Durchmesser, zirka	500 m
Gasröhren von 1" engl. Durchmesser	1000 m

Es können sowohl Uebernahmsofferten für sämtliche Arbeiten zusammen, zirka als auch für einzelne Unterabteilungen eingereicht werden.

Pläne, Bauvorschriften und Vertragsbedingungen liegen auf der Gemeinderatskanzlei Flums zur Einsicht auf. Dasselbst können auch die Voranschlagsverzeichnisse bezogen werden.

Uebernahmsofferten sind verschlossen mit der Aufschrift «Bergstrassen Flums» bis zum 17. Februar a. c. dem Gemeindeamt Flums einzureichen.

Flums, den 20. Januar 1906.

Der Gemeinderat.

CONCOURS pour la construction du Pont Charles Bessières (arc en fer de 80 mètres de portée).

La municipalité de Lausanne

met au concours, entre maisons suisses, la construction du pont Ch. Bessières. L'arc en fer, les maçonneries des culées et tous les travaux accessoires feront l'objet d'une seule et même entreprise.

Les plans et le cahier des charges peuvent être consultés à la Direction des Travaux, qui en délivrera des copies aux personnes qualifiées.

Les concurrents qui après examen des conditions du concours, désireraient entrer en relation avec la Direction des Travaux, sont convoqués à l'Hôtel de Ville de Lausanne, Salle des commissions des travaux pour le jeudi 8 février à 3 heures, pour être entendus en séance de tous les intéressés.

Les soumissions seront reçues à la Direction des Travaux jusqu'au 28 février à 6 heures du soir et jusqu'au 1er mars pour celles qui parviendraient par la Poste. Elles seront ouvertes le 1er mars à 5 heures du soir en séance publique.

Les soumissionnaires sont invités à inscrire à l'article 30 du cahier des charges le délai d'exécution qu'ils proposent d'adopter et pour lequel ils s'engagent.

Lausanne, le 20 Janvier 1906.

Direction des Travaux.

Bauausschreibung.

Die Erd-, Fels-, Maurer- und Steinhauerarbeiten eines Wachthauses und eines Magazines in der Nähe Airolo werden hiermit zur öffentlichen Konkurrenz ausgeschrieben.

Die Pläne, Bedingungen und Vorausmassen können von rischen Bauunternehmern vom 1. bis 28. Februar 1906 in Bern, Ostbau III. Stock, Zimmer Nr. 174 eingesehen und die Angebote bezogen werden.

Die Offerten sind in verschlossenem, mit der Aufschrift «für Bauten Airolo» versehenem Couvert und frankiert bis 3. März fertigt in Bern einzureichen.

Bern, den 23. Januar 1906.

Abteilung für Befestigung
der Abteilung Genie
des schweiz. Militärdepartement

Benachrichtigung

Ein Wettbewerb zur Erlangung von Plänen für Häuser für Bureauangestellte ist für alle Architekten eröffnet. Die Häuser müssen einfach erbaut, angenehm aussähen sein; sie sollen an der neu von Mülhausen nach der Ferme Riedisheim errichteten Strasse erbaut werden.

Die Bedingungen nebst Grösse und Preise können bezogen werden von

Herrn Paul Kull
Mülhausen in Elsass

KIRCHNER & C

Leipzig-Sellerhaus

Grösste Spezialfabrik von

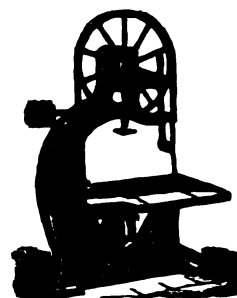
Sägewerkmaschinen

und
Holzbearbeitungsmaschinen

Über 110 000 Maschinen geliefert
6. höchste Auszeichnung
Weltausstellung Paris 1904
Höchste Auszeichnung „Grand

Filiale: ZÜRICH, Bahnhof

— TELEPHON 2666.



Porter & Lehmann, Zolingen

Filialen: St. Gallen und Lugano.

Bauausschreibung.

Die Einwohnergemeinde Guttannen schreibt hiermit die Erstellung **Hydranten-Anlage** im Dorfe Boden bei Guttannen zur Konkurrenz. Die Pläne liegen bei dem Unterzeichneten zur Einsicht auf, woselbst aben bis **Ende Februar** nächsthin entgegengenommen werden.

Namens der vorberatenden Kommission:
Kasp. Nägeli, Bäuertsschreiber, Guttannen.

Wasserreinigungs-Patent

Nr. 33247 vom 6. November 1905.

Behufs Ausnützung obiger Erfindung, die auch in Deutschland patentierte ist, suche Verbindung mit einer Firma, die den Vertrieb in der Schweiz übernehmen möchte. Die Reinigung des Kesselspeisewassers geschieht durch Kalk und Soda, den billigsten und zuverlässigsten Mitteln. Ausscheiden der Kesselstein bildenden Stoffe. Indem das zu reinigende Wasser ein Rad passiert, dreht es das Rad, welches letzteres durch Hebeltragung in einem Chemikalienbehälter Kalk und Soda beständig gut rührt und dem Auslassventil ausser der öffnenden zugleich eine endende Bewegung erteilt, wodurch sich festsetzende Kalkteile um die Öffnung weggeschliffen werden und das Ventil dicht bleibt.

W. Hasskerl, Copenhagen, Aagade 92.

Schweizerische Bundesbahnen

Kreis III.

Vakante Stelle: Architekt II. Klasse.

Erfordernisse: Technische Hochschulbildung und praktische Tätigkeit.

Besoldung: Fr. 3300 bis Fr. 4800.

Anmeldungstermin: 11. Februar 1906.

Anmeldungen schriftlich an die Kreisdirektion III der Schweizerischen Bundesbahnen in Zürich.

Zürich, den 26. Januar 1906.

Kreisdirektion III
der Schweizerischen Bundesbahnen.

Für Spekulantent!

In Graubünden, wo nächstens mehrere Eisenbahn- und Wasserkraft-Projekte zur Ausführung gelangen, ist ein ergiebiges Lager von obtem

hydraulischem Kalk und Zement,

mit Filisur, günstig an Wasserkraft und Albula-Bahn gelegen, zu lohnender Ausbeute zu verkaufen.

Nähere Auskunft erteilt

Hermann Balzer, Chur.



Kullmann & Lina, Frankfurt a. M.

Spezialfabrik für sanitäre Anlagen.

Eiserne Bedürfnis-Häuschen.

Pissoir-Anlagen für Oelung wie Bewässerung.

Kloset-Anlagen, Schwemmrohr-, Tonnen-, Wasser- und Torfmüll-Systeme.

Zentralheizungen, Wasserleitungen, Bade-Anlagen.

stellen unter
weitgehend-
ster Garantie:

Sanitär-Anlagen, Wasch-, Closet-

und Toilette-Einrichtungen.

Anlagen von den einfachsten bis zu den elegantesten Ausführungen. Ausarbeitung v. Projekten u. Kostenvoranschläge gratis

Gesucht

zu raschem Eintritt ein erfahrener, selbständiger

Bauführer

zur Beaufsichtigung des Unterbaues, Hoch- und Kunstbauten einer grösseren Bahnbaute im Tessin. Dauer bis gegen Ende Jahres. Gefl. Offerten mit Gehaltsangabe und Ausweis über bisherige Tätigkeit erbeten an

Aktiengesellschaft vormals Joh. Jakob Bieler & Cie., Winterthur.

Gesucht

per sofort oder später in ein Baugeschäft der Ostschweiz tüchtigen

Bautechniker

im Alter von 25—35 Jahren auf Bureau und Bauplatz. Derselbe muss sich sowohl über theoretische als praktische Bildung ausweisen können. Bewerber soll in der Aufstellung von Kostenvoranschlägen und Abrechnungen erfahren sein. Offerten mit Zeugnis-Kopien und Angabe des Alters und der Salairsprüche sub. Chiffre Z. Z. 950 an die Annoncenexpedition

Rudolf Mosse, Zürich.

Unentbehrlich! Wichtige Bauneuheit. Unentbehrlich!

Einrichtung zur sicheren Feststellung von Mauerlängsfugen unter dem Putz, der Tapete etc., zur **Verhinderung des schädlichen Vernagelns der Wandflächen in Wohnräumen etc.** Patente überall angemeldet.

Ausschliesslich in den Zimmerecken werden von der Decke aus beginnend in jeder Lagerfuge unter einander in einer Linie **Korkdübel mit verzinkten Nägeln** aufgenagelt, die eingeputzt und deren Lage sich durch Beklopfen später vor dem Einnageln von Nägeln, Kloben, zwecks Anbringung von Bildern, Gardinen, Installationsteilen etc. durch den abweichenden Ton, den die Dübel gegenüber der anderen Putzfläche abgeben, festgestellt werden. Die Verbindung solcher neben einander liegenden Dübelstellen zweier benachbarter Wandflächen durch eine Schnurlinie ergibt auf letzterer auf jedem Punkt derselben die Lagerfuge. Grosse Ersparnisse bei Hausbesitzern! Architekten und Baumeistern willkommen billige Gelegenheit, einem grossen Uebelstand zu steuern.

Die zum Aufnageln fertigen Hördübel

liefert pro 1000 Stück

OTTO WILHELMI, Ing., KÜSNACHT-Zürich.

Vertreter und Lizenznehmer gesucht.

Atelier für Vervielfältigung techn. Zeichnungen.

A. Ryffel

Telephon 6027. — vorm. **E. R. Bertschmann.** — Telephon 6027.

51 Schipfe **ZÜRICH I**, Schipfe 51.

Lichtpausverfahren nach den neuesten Methoden in tadelloser Ausführung.

Heliographie, positiv, negativ und Sepiaverfahren.

Negrographie, Kopien in tiefschwarzen, scharfen Linien und reinweissem Grund, auf Paus-, Zeichen- oder Leinwand-Papier, in diversen Stärken.

Rascheste Ausführung bei jeder Witterung.

Sorgfältige, prompte u. billige Bedienung. — Muster u. Preise zu Diensten

Verkauf von Heliographie-, Paus- u. Zeichenpapier, Lichtpausapparate und Utensilien. — Billige Bezugsquelle.

Von Behörden vorgeschrieben!



Hürtgens Jalousie-Dachfenster
u. **Shedlüfter**
Regensicher. Vorzügliche Lüftung.
Hürtgens, Mönnig & Co.
KÖLN-LINDENTHAL.

D. R. P.



Joh. Jacob Rieter & Co., Winterthur

TURBINEN

neuester Konstruktion und höchstem Nutzeffekt für alle vorkommenden Verhältnisse.

Präzisions-Regulatoren mit mechanischer u. hydraul. Wirkung.

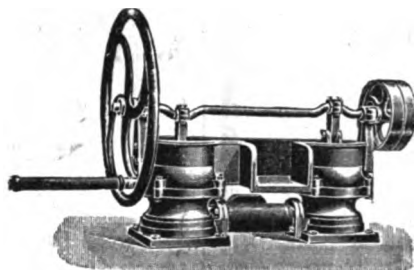
Transmissionen, Kesselschmiede-Arbeiten.

Original-Diaphragma-Pumpen in modernsten Ausführungen

liefern ab Lager: **Robert Aebi & Co., Zürich** V Nachfolger von Rudolf Røetschi



Diaphragma-Saug- u. Druckpumpe.
Pompe à diaphragme aspirante et foulante.



Doppeltwirkende Diaphragma-Pumpe.
Pompe à diaphragme à double effet.



Diaphragma-Pumpe für Hand- und Kraftbetrieb.
Pompe à diaphragme fonct. à bras ou au moteur.



KRAFTANLAGE BEZNAU — 12 000 P.S.

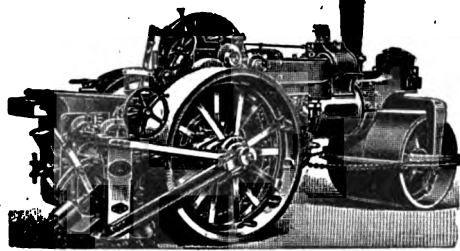
MODERNE **WASSERKRAFT-ANLAGEN**

NACH EIGENEN PATENTIERTEN SYSTEMEN
HÖCHSTE LEISTUNGSFÄHIGKEIT

A.-G.
DER MASCHINENFABRIK
VON
THEODOR BELL & C^{IE}.
KRIENS BEI LUZERN
(SCHWEIZ)



KRAFTANLAGE ZARAGOZA — 6000 P.S.



und mietweise **DAMPFSTRASSENWÄLZEN**, mit oder ohne mechanischem Strassenaufbrecher; in Gebrauch bei einer grösseren Anzahl schweiz. Behörden. Strassenlokomotiven zur Beförderung leichter und schwerer Lasten.

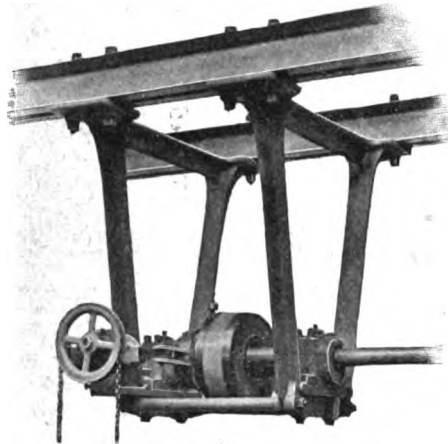
Steinbrecher, Lokomobilen, sowie sämtliches Material für **Bau-Unternehmer**.

Ferner sämtliche Maschinen zur Strassenreinigung, wie:

Kehrmaschinen Sprengwagen
Schlammabzugmaschinen
Dampfstrassenwalzen zum Ausleihen vorrätig.



Gesellschaft der L. von Roll'schen Eisenwerke Eisenwerk Glus



Benn's Patent Reibungskupplungen

Zum Ein- und Ausrücken von ganzen Wellensträngen oder einzelnen Maschinen während des Betriebes. Vollständig geschlossene Ausführungsform; für höchste Tourenzahlen verwendbar; selbsttätige Schmierung der inneren Teile.

Lager mit Ringschmierung:

Selleralager mit herausnehmbarer unterer Laufschaale, Patent, als Stehlager, Hängelager, Wand- und Säulen-Konsollager.

Feste Stehlager mit herausnehmbaren Weissmetall- oder Bronseschalen für Massivwellen und Hohlwellen.

Komplette Transmissionsanlagen für alle Industriezweige.



Garantiert wasserdichtes Schuhwerk.

Sohnröschuhe in Extra-Qual. Rindleder, Lederfutter . Fr. 23.50

Sohnröschuhe in Extr.-Qual. Juchtenleder, Lederfutter . Fr. 24.50

Walderseeestiefel, mit und ohne Beschlág Fr. 28.50

Illustrierte Preisliste mit 500 diversen Artikeln gratis und franko.

Zeugnisse über gelieferte Schuhwaren im In- und Auslande.

Versand gegen Nachnahme. Umtausch franko.

H. Brühlmann-Huggenberger,
Schuhwaren,
WINTERTHUR.

Vereinigte Xylolith- u. Kohlensäurewerke A. G.

WILDEGG.

✚ Patent Nr. 9080.



**Auf Blindboden aufgeschraubt;
auf Zementbeton in Mörtel verlegt.**

Nach allen Dessins in viereck, rechteck, achteck und in 3 Farben, Parkett ähnliche Form.

Xylolith feuersicher, warm. Steinholz schalldämpfend, solid.

Muster, Prospekte, Album und Atteste gratis und franko.

✚ **Einzig in der Schweiz bis jetzt ca. 200 000 m²
Böden und ca. 10 000 Treppenstufen gelegt.** ✚

Hauschwamm,

sowie

Schleim- und Schimmelpilze
werden sicher beseitigt, durch das geruchlose

Antinonin.

Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld.

Generalvertreter für die Schweiz: Paravicini & Cie., Basel.
Prospekte und Gebrauchsanweisung stehen jederzeit gern zu Diensten

Facettler-, Schleif- und Polierwerke Seebach, Spiegelbelege-Anstalt Spiegelglas en détail & en gros Draht- und Rohglas Glasjalousien etc. etc.

C. Grambach, Nachfolger von Grambach & Linsi, Zürich
Telegramm Grambach Zürich — Brunngasse 8 u. 10 — Telefon 2290
Spiegelglas in allen Façon
unbelegt — plan — Ia. belegt — facettiert

Höchste Auszeichnung
Goldene Medaillen
Zürich 1894, Genf 1896.
Man verlange Preise, da wir nicht reisen können.



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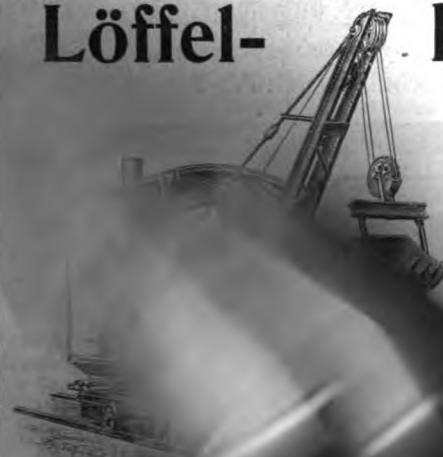
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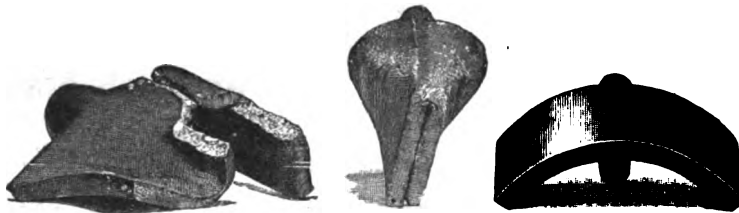
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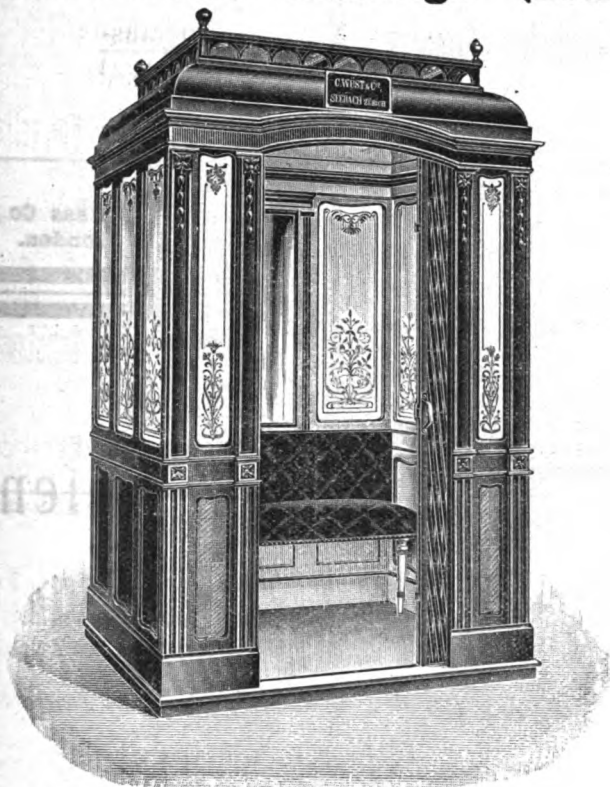
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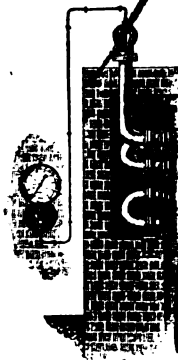
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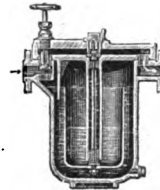
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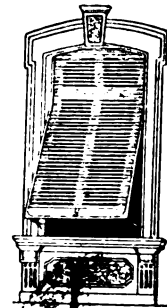
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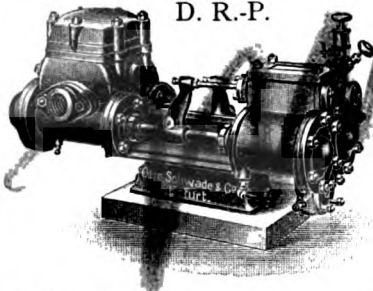
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für alle vorkommenden Zwecke (jede Marke in 6 Härtegraden).

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Grösste Leistungsfähigkeit. Ketten von höchster Tragkraft.

Für Techn. Vorarbeiten im Bahn- und Strassenbau empfiehlt sich **B. Emch, Ingenieurbureau, Bern, Mattenhofstr. 37.**



THE MODERN MILLER.

\$2.00 Per Year.
5 Cents Per Copy.

ST. LOUIS, MARCH 25, 1899.

Volume 24.
Number 42.



MR. F. FRANZ ARNOLD.

MR. F. FRANZ ARNOLD, whose likeness is presented to readers of the Modern Miller in this issue, is the owner of the Hamburg grain firm of Gebr. Arnold, established at Hamburg in 1873. Mr. Arnold is well known to American millers and grain exporters as a very energetic and active business man. During the summer of last year he visited America, calling on many of his old friends and business connections.

The firm of Gebr. Arnold is one of the best in the trade, and has agents in all the principal cities in Germany, and also in Scandinavia and in the important places all over the continent of Europe.

American grain and feed shippers

will do well to correspond with the firm of Gebr. Arnold regarding c. i. f. business, as this firm is thoroughly acquainted with the trade of Hamburg and the entire continent, and knows how to carry on a steady and profitable business in its line. It is in a position to do a very extensive business in grain as well as in feedstuffs, and is open for connections, especially for wheat and corn, wheat and rye, bran and flaxseed cakes. We believe that shippers taking up business correspondence with this firm will find themselves well repaid if satisfactory connections should be established. The firm deals in a large way and its numerous connections on the continent are of the character most to be desired.

GULF PORT RATES MET.

THE Missouri, Kansas & Texas Railroad has announced an export grain tariff of 11c per 100 pounds from Kansas City to Galveston. Thus is legalized a rate which is believed to have been secretly made by lines reaching Southern ports for some time past. This rate, or one nearly equaling it, is generally believed to have been made by the Mississippi valley lines touching Gulf ports, which are also setting a lively pace for the eastbound lines on export flour rates.

One Eastern line, the Kanawha Dispatch, is taking business via Newport News in competition with Gulf ports and at rates that have pulled quite a large tonnage during the past few weeks. This line has booked business openly and is unquestionably demonstrating its friendliness to the flour industry.

It is asserted that at least two other Eastern lines are meeting this competition, but as they are roads within the trunk line combination, and which are under agreement to discriminate against export flour, and have made no legal reduction of rates on export flour, their exact position cannot be stated. It is a fact, however, that the Newport News route has been booking most of the winter wheat flour for export throughout the month of March, in many instances guaranteeing dates of sailings from Newport News.

The lowest flour rates obtainable are via Mobile, New Orleans, Pensacola, Galveston and Newport News. To Southern ports there is no published tariff, and rates are made as conditions warrant. It has been asserted within the week that flour for export via Southern ports has been booked from St. Louis territory as low as 10c per 100 pounds.

The lowest rates made in published contracts were 12c from East St. Louis; 19c from Carlinville, Ill.; 14c from Alton and 15c from Rock Island to Newport News. Kansas City has participated in these rates, the amounts ab-

(Continued on page 5.)

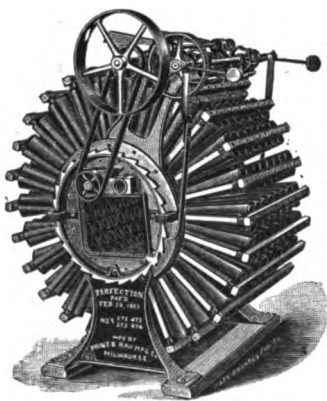
IF YOU WERE A DRUGGIST

You might truthfully say: "I do not need a Beall Wheat Steamer." But you are a miller. You depend upon the quality of your flour for business. The Beall Wheat Steamer helps make broader bran, better separations and whiter, purer flour than was made before it was used. Can you say, therefore, truthfully, that *you* do not need a "Beall?"

If you'll try one for 30 days you'll learn how badly you've been needing it.

THE BEALL IMPROVEMENTS CO.,
Decatur, Ill.

ALL AND MORE THAN CLAIMED!!!



**THE
PERFECTION DUST
COLLECTOR.**

Fayette Roller Mills.

FAYETTE, Mo., January 19th, 1899.

THE PRINZ & RAU MFG. CO.,

MILWAUKEE, WIS.

Gentlemen:—We have been running your No. 15 Perfection Dust Collector on our roll suction and on one Smith Purifier for about a month, and will say that it is all and more than you claim for it; and to show our appreciation of it, we this day give your representative, Mr. J. P. Sterling, of Kansas City, orders for one No. 39 and one No. 38 to work on our wheat cleaners. We also give order for one of your No. 2 Iron Prince Smutters, feeling that it will improve our flour, as we know the foundation of good milling is to first clean your wheat.

(Signed) BOYD & SHAFROTH.

THE PRINZ & RAU MFG. CO.,
MILWAUKEE, WISCONSIN.

The Modern Miller.

Cable Address, A Weekly Newspaper.
"EDITOR," ST. LOUIS. Vol. 24. No. 42.

PUBLISHED BY THE MODERN MILLER CO.

N. E. Cor. Third and Chestnut Sts.,
ST. LOUIS, MO.

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EDWIN L. GATES.....News Editor.
PARKER H. LITCHFIELD.....Business Manager.

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Entered at the Post-Office, at St. Louis, Mo., as
second-class matter in May, 1896.

THE Modern Miller was mistaken when it said, March 11, that a complaint, the same having been published in that issue, would soon thereafter be filed with the Interstate Commerce Commission asking for an order to stop the Trunk Line Railroad Association from discriminating in favor of grain and against flour for export. The Modern Miller admits its error and will explain how it came to pass. The complaint was drawn by the representative of the Millers' Executive Committee, then at Washington; and, as will be remembered, the complainants named were the Winter Wheat Millers' League, the Millers' National Association and the Millers' Executive Committee. As president of the League and acting president of the National Association, Mr. M. H. Davis has declined to approve the complaint.

Chairman Alex. H. Smith, of the Millers' Executive Committee, signed the complaint promptly upon presentation, but has decided that, owing to the nonconcurrence of President Davis, he will not forward the demand for a hearing. So there the matter ends. Mr. Davis assigns as reasons for his action

that the commission's authority is so limited and the prospect of the withdrawal of the trunk line tariff complained of so good that he regards the expense and work necessary to make a fight, which must necessarily be of doubtful issue, unwarranted. Moreover, Mr. Davis states that the League "will take such action as seems most likely to afford the desired relief."

We trust that such action will reach the plague spot and that the remedy applied will be abiding, and with equal candor we hope the League will distinguish itself by victory, unaided and alone. Why the assistance of the "St. Louis organization" was declined after being invited to urge the Interstate Commerce Commission to action is a matter we are not in a position to explain, but it is a fact that the Millers' Executive Committee went with a will into the business of procuring relief from trunk line discrimination against flour for export, and that its prompt and effective work toward that end has been entirely disregarded. Why? That's the question. St. Louis interests were not and are not now suffering the ill effects of the trunk line discrimination as are the mills of Indiana, Ohio and other central states whose seaports are North Atlantic coast cities reached only by trunk lines. Export flour from St. Louis territory may go via Newport News, Pensacola, Mobile or New Orleans at equal rates charged for grain, wherefore it is plain that it was a desire to lend a helping hand, and not distress, that prompted the "St. Louis organization" to promote the movement inaugurated by the League to the best of its ability.

The organized millers of the Northwest might have done as did those of the Southwest were they as unselfish. Their export products may go to tide-water over the Soo at grain rates. The trunk line tariff touches them not. But they stood their hand, and, in the light of events, were wise, if apparently not generous. Doubtless the victory to be achieved by the League unaided will be so brilliant as to fully compensate for delay and the ills and troubles and the expense incident thereto. In the meantime the flour exporters in distinctly trunk line territory are competing with St. Louis and Minneapolis flour that goes to the seaboard at rates as low as 12c and 14c per 100 pounds. We have to say that the Millers' Executive Committee was, and still is, in a position to prove that those rates on

export flour were and are still being made, and that grain is not being transported in competition cheaper by the lines making those rates on flour. Lake and rail rates from the Northwest (flour stored in the East, but transported thither on that basis) and Gulf port rates from the Southwest make these favorable conditions possible, notwithstanding the Trunk Line Association's effort to place the milling industry of the United States under the absolute and merciless control of grain and freight rate manipulators. Under such circumstances it might be considered a friendly act for the millers of the Southwest to volunteer to help fight the battle engaged in by their brethren in the Central States.

It is with pleasure that we announce to the friends of Mr. Clifford F. Hall in America and his acquaintances in Europe the safe arrival of himself and Mrs. Hall. After a pleasant voyage on the Teutonic, Mr. and Mrs. Hall reached St. Louis Tuesday morning of this week and were warmly greeted by their many friends.

Our genial representative accepts the Modern Miller as the cheerful medium through which to voice his appreciation of the many acts of kindness and generosity tendered him while traveling through the United Kingdom and on the continent. The publishers of the Modern Miller join with him in expressing their sincere appreciation of those courtesies and of the business confidence reposed in this journal and Mr. Hall, as its representative. We trust that the Modern Miller will be made more and more useful to the international bread and feedstuffs trade as the months and years go by. No possible effort of ours to accomplish this end will be spared, and we invite the co-operation of millers and factors in perfecting the highest possible type of news service and medium of business announcements.

The Miller, London, of March 6, comments on utterances of the Northwestern Miller relative to the finding of "mixed flour" on the premises of the Little Rock Mill and Elevator Co., at Little Rock, Ark., by a revenue agent. The object of the foreign journal was, manifestly, to show that flour adulteration is practiced in America. The publication does not show anything of the kind, but, on the contrary, exhibits its willingness to slander American flour upon the slightest suggestion. Even the Northwestern Miller's veiled

Peace Hath Her Victories So Hath the Plansifter!



Diploma awarded to the EMPIRE MILLS, Edmond, Okla., by the Trans-Mississippi and International Exposition at Omaha, Nebraska, 1898, on SOFT WHEAT PLANSIFTER FLOUR.

LESS POWER. LESS ROOM.
LESS EXPENSE.

L. W. RODKEY.

G. B. FARRAR.

Eagle Mills,

Manufacturers of High Graae Flour,

DEALERS IN ALL KINDS OF FEED.
SHIPPERS OF GRAIN.

EDMOND, OKLAHOMA, March 8th, 1899.
BARNARD & LEAS MFG. CO.,
MOLINE, ILL.

Gentlemen: In answer to yours of the 1st inst. as to our success with the Plansifter we have to say:

We have been running the mill steady for over a year now and we are more than pleased with our results. We are making a much better grade of flour and more of it, out of less wheat, than we were able to do on the reels.

We were awarded two Gold Medals at the Omaha Exposition 1898 on our flour, which is as good a recommendation as we can give. Enclosed we hand you a copy of the Diploma on soft wheat flour.

Very truly yours,
EAGLE MILLS.

Send for catalogues, letters of commendation—we have scores of them.

Besides the Plansifter, we are also manufacturers of

THE BEST { SEPARATOR,
SMUTTER AND SCOURER,
BRUSH SCOURER,
FLOUR PACKER.

Largest and Most Complete Line of MILL MACHINERY in the World.

BARNARD & LEAS MFG. CO.
MOLINE, ILLINOIS.

W. B. TALLEY, Nashville, Tenn., General Agent for Kentucky, Tennessee, Georgia and Alabama.
CHARLES E. MANOR, Stanleyton, Va., General Agent for Virginia, Maryland, W. Virginia and N. Carolina.
R. C. STONE, Springfield, Mo., Agent for Missouri, Arkansas, Texas and Indian Territory.

thrust at the mill in question did not attempt to show that the Little Rock Mill and Elevator Co. has ever disobeyed the act of Congress relative to "mixed flour," and it is not disputed by any competent authority that the company named was found in possession of the "mixed flour" reported because it would not sell the product contrary to law—the flour having been mixed before the flour law went into effect.

The facts in the case make it plain that the Little Rock Mill and Elevator Co. was not mixing flour at the time reported and had not mixed any flour for several months, having quit the practice some time before the act of June 13, 1898, became operative. That an amount of flour was found in their possession, just as mixed flour made before the flour act became operative was found in numerous places, merely shows what was publicly declared by all persons informed: that flour was, before June 13, 1898, being mixed in the United States and that an act of Congress was required to abate the evil. The act of Congress was procured, and agents in every section of the country have failed to secure a single indictment—not to speak of conviction—of an act by any miller or flour factor contrary to the flour law.

The Northwestern Miller was in possession of these facts at the time it sought to make an example of the Little Rock Mill and Elevator Co., to the injury of the American flour trade, as per the insinuations of The Miller, London, as set out at the beginning. Our London contemporary, usually a fair forum, should know the difference between the discovery of goods made previous to the enforcement of an act regulating their manufacture and illicit production, yet, spurred on by our Minneapolis contemporary, it concludes that the case in point is "certainly an admission" of flour adulteration in America. In the name of the honest millers and flour exporters of America and in justice to the present able and trustworthy management of the Little Rock Mill and Elevator Co., we protest against this injustice. It has no phase of fairness and is the character of warfare that aggressors cannot feel proud of. The old management of the Little Rock Mill and Elevator Co. was not convicted of any crime, yet a new management is made to suffer for acts which, if performed months after they really were performed,

ed, would have violated a law. But they did not, and present Manager D. J. Hayes, of the Little Rock Mill and Elevator Co., was, at the time that celebrated mixed flour was manufactured, hundreds of miles away, busily employed as an official in the St. Louis Milling Co., at Carlinville, Ill. We consider it most unfair to him and to his associates to visit the reputation of evil-doers upon them, and we shall do all in our power to prevent such wrongdoing. Indeed, we have such confidence in the integrity of the present Little Rock Mill and Elevator Co. and its management that this journal will endorse any guaranty it makes of its products. This is uttered without the knowledge of any member of that company.

The importance of the Gulf ports as a factor in the transportation problem has been clearly demonstrated to the breadstuffs interests of the West, not only as a club to be wielded when trunk line rates become exorbitant, but as affording as well nearer and quicker routes to many of the world's markets—especially between the great Middle West and the Latin-American countries and the West Indies. Every year export trade tends more and more in that direction, and, with the increase of commerce through them, the shipping facilities of the Gulf ports have grown apace, as has been so ably shown by Mr. E. E. England's letters to this journal.

So rapid, in fact, have export shipments via the Gulf increased that many importers in the West seem to have not realized the value of their present opportunities, and return cargoes from South and Central America and the Antilles to Gulf ports are so light as to necessitate materially higher steamship rates on exports. This, notwithstanding large supplies from these Southern countries are received regularly at Atlantic seaboard ports, destined for the West, and carrying much higher rates of freight than procurable for direct shipment via the shorter and quicker routes through the Gulf ports. To ignorance of the advantages of the Gulf routes alone is attributable this situation, which is a barrier to that freedom of intercourse and traffic which the West so greatly desires. Those familiar with the advantages of the Gulf routes should bring them to the attention of other exporters and importers, to the end that the benefits now enjoyed may be not only continued, but increased.

GULF PORT RATES MET.

(Continued from page 1.)

sorbed by initial lines delivering the tonnage to Mississippi river lines not being declared, but the rates were lower than have prevailed for some months past.

Lines leading to the Gulf are daily demonstrating their capacity to transport tonnage to tidewater at lower rates than has ever been deemed possible by lines leading to Atlantic ports, and shippers have come to believe that the long-sought solution of eastbound rates has been achieved. It is conceded that at the rates quoted the Gulf lines will do a profitable business, but whether tonnage can be moved from the Missouri and Mississippi valleys to Atlantic ports at competitive rates and yield a profit is a question for the future. In the meantime, Southwestern millers are in the position that they long have sought.

Steamship rates on export flour from both Gulf and South Atlantic ports have shown a marked weakness, yielding to the desire of the lines to move business at rates which permit millers to export their products with some show of profit. Flour has been booked for the United Kingdom as low as 8c per 100 pounds from Atlantic ports, and as low as 12c from the Gulf ports; bookings for the continent have been made as low as 12c from Atlantic ports, and about 3c higher from the Gulf ports.

CONFERENCE WITH COMMISSION.

WASHINGTON, March 24.—The presidents, general managers and other representatives of about 25 railroad companies, comprising almost the entire trunk line service between Chicago and Lake Michigan and the Ohio and Mississippi Rivers, and beyond, were in executive conference throughout yesterday with the Interstate Commerce Commission.

In view of the enormous volume of traffic now taxing the carrying capacity of all the roads the gentlemen present at the conference were inclined to feel considerable apprehension as to the future, when this volume might diminish, or when the formidable lake navigation competition would set in or other conditions arise which ordinarily might demoralize freight conditions. One main point of apprehension was the differences between rates on grains and other products for export and those for domestic use, a material difference which was acknowledged, but as to the ne-



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They are rigid, simple and sure.

The mill which cannot make money when equipped with Wolf Roller Mills and Wolf Gyrators will never make money.

There is something radically wrong with the miller.

If you don't know all about our machinery that you ought, write for our books.

The Wolf Company,
Chambersburg, Pa.

Charles Austin Bates, N. Y.

cessity of which the railroad officials differed in their views. No definite action on this line was taken, however. The anti-trust law, taking away the legal sanction of any concerted effort among the roads to maintain rates and at the same time requiring the observance of published rates, was discussed and efforts to overcome this obstacle were informally mentioned.

The general sentiment as to the results of the conference is that each road will make a consistent effort to act fairly with the others and with respective shippers. The officials present pledged themselves not to deviate from their published tariffs and not to discriminate between the large and small shippers.

TO FIND A HARDIER WHEAT PLANT.

WASHINGTON, D. C., March 24.—(By Telegraph.)—The Department of Agriculture is about to conduct on a large scale experiments for testing imported seeds. The test will be made on a large tract of land adjacent to Washington, which was set aside by Congress for this purpose. Attention will be paid to tests of varieties of seed wheat. In speaking of this feature of the work, Secretary Wilson said: "One of our explorers has just returned from Russia, where he went last year with directions to study the grain situation, ascertaining what varieties winter would not kill, smut, roast or blight, and to bring back for the benefit of the wheat raisers of the United States the best results of his search. These we shall try on our experimental area, and the results will be published."

In response to an inquiry from a collector the Assistant Secretary of the Treasury has made the following ruling with reference to domestic bags exported filled with wheat, which have been mended and patched abroad:

"The department is in receipt of your letter of the 6th instant, in which you inquire whether domestic bags exported filled with wheat would be entitled to free entry on reimportation in case it is found necessary to mend and patch them abroad, reference being made to the provision in paragraph 483 of the act of July 24, 1897, for the free entry of returned domestic products which have not been advanced in value or improved in condition abroad by any process of manufacture or other means.

"You are informed that the mere mending or patching of the domestic

bags abroad, found necessary as a result of the wear and tear on the voyage of exportation, would not operate to exclude them from the privilege conferred by the statute."

In response to an inquiry from the Collector of Internal Revenue at St. Louis, who asked as to the number and denomination of stamps required for a bill of lading on shipments of goods by rail direct from St. Louis to old Mexico, the Commissioner of Internal Revenue has made the following ruling:

"You are informed that where a bill of lading is so made as to combine within its terms both the domestic and the foreign transportation, or the foreign transportation alone, two 10-cent stamps must be affixed thereto. But if it covers the domestic transportation, a one-cent revenue stamp should be affixed to the instrument. Only one revenue stamp is now required to be affixed to any bill of lading, either ten-cent or a one-cent stamp, as above indicated."

While it is premature to speculate on the pure flour feature of the report of the Commissioner of Internal Revenue for the current fiscal year ending July 30 next, the recent effort made by friends of the statute to secure amendment of it in Congress has caused some discussion of the subject among bureau officials. They look with favor upon the idea of excluding from the operations of the stamp tax manufacturers of self-raising, pancake, buckwheat flours, and like products, to which it was not intended the law should apply, the sole object of the framers being to prevent the sale of adulterated mixtures as wheat flour. From what can be learned it is deemed probable that the Internal Revenue Commissioner will endorse the proposed amendments to the pure flour law. With such a modification of the act, or the definition of "mixed flour" as construed by the Commissioner, an objection which was urged against the statute by former Commissioner Scott would be removed. He contended that the revenue accruing from the law did not pay the cost of its enforcement. This is not a very serious objection, and it was met by Congressman Tawney of Minnesota with the rejoinder that it would be just as reasonable to urge the repeal of statutes against larceny on the ground that insufficient revenue accrued for the maintenance of courts of law. At the same time the revenue

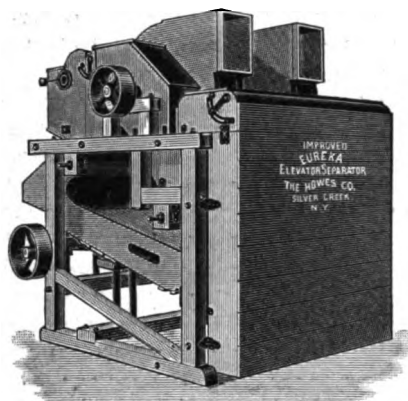
officials have a watchful eye for the money consideration involved, and with the law so modified as to exclude self-raising flours, etc., the cost of enforcement would be considerably lessened. Letters received at the Bureau of Internal Revenue indicate that the statute has had a good effect upon our export trade. Figures available of flour exports at the Treasury Department for January and February, 1899, show that shipments this year are in advance of those of the corresponding months of 1898, as heretofore stated in these dispatches.

If figures made public by the Treasury Department and the export of breadstuffs for February are to be accepted as a criterion of the export trade for the remaining months of this year, the season promises to be one of the most prosperous in the history of the trade. February exports of breadstuffs, provisions, cotton and mineral oils are the largest of any February, with the single exception of that of 1898. The total is \$55,969,804, as compared with \$49,843,806 in February, 1897, and \$52,114,373 in February, 1896. The figures for February, 1898, are \$62,000,536, about six millions greater than February just passed.

The slight reduction in February, 1899, as compared with the corresponding month of 1898, does not indicate an actual reduction in exports, but merely a slightly lower price for some of the leading articles exported. Wheat exports, for instance, in February, 1899, are nearly 10 million bushels, against 7 million bushels in the corresponding month of 1898, while the value is given at \$7,335,390, against \$6,434,028 in the corresponding month of last year. The exports of wheat in the eight months ending with February, 1899, amount to 108,807,800 bushels, against 101,425,562 bushels in the corresponding eight months of last year, while the value is but \$81,173,049, against \$93,982,566 in the corresponding eight months of last year. The exports of corn in the eight months ending with February, 1899, amount to 111,811,738 bushels, against 120,557,363 bushels in the corresponding eight months of last year, a slight reduction in the quantity, though the value of the corn exports for the eight months ending with February, 1899, is \$43,516,770, against \$41,000,356 for the slightly larger quantity exported in the corresponding eight months of 1898.

In practically all articles aside from wheat, February exports are more

Something New in Elevator Separators.



The Eureka Two-Fan Elevator Separators.

This machine has two whole and distinct fans, drawing air from four different sides, and making three perfect sieve separations. This machine should not be confounded with other so-called double fan machines, having only one fan split in two, drawing air from one side only. It will pay every user of separators to investigate the merits of this machine.



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WE ARE EXPORTERS of Wheatbran, Middlings, Red Dog Flour, Rye Feed, Corn Products, Distillery Feed, Brewers' Grains, Corn and Linseed Cake, also Corn, Wheat and Oats. MAKE US QUOTATIONS.

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Send Samples Winter Mixed CIPHERS: ... Robinson's.
Feed 100s. and Bran Deliv- Jennings's.
ered, Boston Rate Points.
I want a good Corn Account.

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MILLERS' AGENTS AND GRAIN BROKERS

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COMMISSION MERCHANTS,

Flour, Grain and Millstuffs.

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REFERENCE—First National Bank.

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I AM IN THE MARKET

FOR ROUND LOTS OF

SPRING, HARD AND WINTER WHEAT
FIRST AND SECOND BAKERS

FOR SHIPMENT
WITHIN THE

NEXT THIRTY DAYS.

Send samples and net cash prices
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MILL BUILDERS AND FURNISHERS.

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empty can and will make such ocean rates as no other port can afford. By diverting imports to Mobile they may secure a very reduced ocean rate—and do more, secure a reduced inland rate, for the cars bringing the export business must be returned. Rather than go back empty, as they now do, and at an expense to the railroads, these cars would return loaded, and to do this rail lines would make proportionately as low an inland import rate as an inland export rate.

Make another comparison. All will admit that the inland export rate to the Atlantic Coast has been very materially reduced, but can one say that a like reduction has been made from the East to the West on imports? In fact, can any one say that a reduction has been made at all? Are not the same rates in effect now as have been for years? I say the rates are the same—that no material reduction has been made. Does any one for a moment suppose that the East could compete with the South but for the enormous import business done by the Atlantic ports? It would be simply a matter of impossibility for the rail lines crossing the mountain ranges of Pennsylvania, Virginia and the Carolinas to compete with those rail lines laid along the natural courses and easy grades of the Mississippi valley.

The business man does not look to the present, but to the future, and, in maturing his plans, each phase of the situation is given a careful consideration, and from this he shapes his course on lines that seem to him to lead to success. To such a business man Mobile offers advantages, facilities and opportunities to the West and extends a hearty invitation for a personal investigation of her claims.

Speaking of personal investigation, why can't an excursion of importers and exporters, an excursion to be known as the "Modern Miller Excursion," be gotten up to visit our city? I am satisfied the Mobile & Ohio Railroad can be depended upon for a very low excursion rate. I am sure the Modern Miller has only to take hold of the idea to make it a success. The trip would not consume much time, and it would be a recreation to the business man, and he would enjoy the invigorating Gulf breezes, and on his return home would feel like a new man. April is a most delightful month to spend in Mobile, and the trip would be a revelation to many of your readers.

I would also call attention to the Atlantic and Mexican Gulf Steamship Co., which has recently put on a

line of steamers, with sailing three times each month, from Mobile to Progreso, Yucatan. This should be of immense benefit to Western exporters in diverting the business passing through the only port of Yucatan from New York, the more especially as the bulk of the business is of Western products. The time between Mobile and Progreso is only 60 hours. Mr. E. F. de Garmendia, director of the Agencia Commercial, Progreso, is expected in Mobile on March 30, and will make a tour throughout the West, with the view of familiarizing himself with the situation, that he may divert the business of his concern via Mobile instead of, as now, via New York.

Exports from Mobile since March 28, are:

Name.	Destination.	Cargo Val.
S. S. Mobile	Liverpool	\$121,060 00
Bk. San Lina	Cette, France	9,000 00
S. S. Iore	Bluefields	882 00
S. S. Managua	Belize	4,170 00
Sch. Ella G. Ellis	Havana	1,869 00
Bk. Veya	Cadiz, Spain	7,000 00
S. S. Silvia	Havana	23,597 00
S. S. Rotherfield	China & Japan	119,838 00
S. S. Habil	Havana	13,986 00
Sch. Clara A. Phinny	Havana	2,718 00
Bk. Chrysolite	Liverpool	11,866 00

The cargo of the steamship Mobile consisted in part of 60,000 bushels of corn, 2,531 bales of cotton and 11,356 bags of cottonseed meal.

The cargo of the steamship Rotherfield, for Shanghai, China, and Kobe, Japan, consisted in part of 2,000 sacks of flour, 24,000 bushels of wheat, 77,142 bushels of corn, 211 tons of pig iron, cotton, cottonseed cake, lumber, etc.

E. E. ENGLAND.

FEEDSTUFFS.

The market on millfeed is steady. While everybody has been looking for it to go lower, it has not done so, and in fact is higher in some instances. It is now the time of year when all look for lower prices on bran, but, owing to the inability of the mills to run, bran is very scarce. The Southern demand on bran is much better, but mill offerings are very light.

Shipments from New York for the week ending March 25 were as follows: 679,696 bushels wheat; 560,719 bushels corn; 99,976 bushels oats; 45,621 bushels rye; 32,718 bags of flour.

There was also shipped from the United States as follows: To Rotterdam, 59,580 bushels buckwheat; to Hamburg, 25,087 bushels buckwheat; to Bremen, 5,000 bags of bran; to Liverpool, 400 bags of bran and 1,499 bales of hay; to London, 6,929 bales of hay; to Glasgow, 2,000 bags of bran.

At a glance it can be seen that millstuffs are being exported to Great

Britain and the Continent. It was formerly a rare thing for bran to be exported to Europe, but it is now a rare thing for it not to be exported every week, and from the numerous inquiries received, it looks as though it is becoming a regular business.

KANSAS CITY, March 31.—(By Telegraph.)—The quotations to-day on feed: 100 sacks, f. o. b. Kansas City, are as follows: Bran, 50¢@61¢; shorts, 65¢@67¢; mill screenings, 52¢@55¢; corn chops, 100 sacks, 64¢@66¢; corn and oat chops, 58¢@60¢; mixed cow feed, 50¢@58¢. Demand good.

CHANGE IN KANSAS MILLERS' MUTUAL.

The Kansas Millers' Mutual Fire Insurance Co., of Ottawa, Kan., has relinquished its charter in the State of Kansas, and removed its headquarters to Kansas City, Mo., having secured a charter in the State of Missouri under the name of the Western Millers' Mutual Fire Insurance Co. The officers and directors remain the same. The change in name and location are significant of the broader field which this company has been filling, and expects in the future to still further develop.

AMONG THE MILL FURNISHERS.

The S. Howes Co., Silver Creek, N. Y., write:

We are glad to inform you that the past month with us has been an exceptionally busy one, in regard to orders. We have kept our men working day and night, and have received a very large foreign order for our "Eureka" grain cleaning machinery. We are also in receipt of a large order from the coast, for our "Eureka" Two-Fan Elevator Separators. This machine we have only recently placed on the market, but people soon realize that this, the same as the "Eureka" standard machines, will soon become the favorite with all elevator men, and others using separators of this kind. Our Double Scourer and Smutter has had the largest run this month since we have placed it on the market. We have received orders for over 60 of these machines alone, thus showing the great popularity this machine has established throughout the milling world. Our president and wife has just taken his vacation down on his grove in Florida, and will journey on from there to Kingston, Jamaica, Havana and our new colonies, spending two or three months in the tropics.

SEGREGATION OF BAGS ON WHICH DRAWBACK IS CLAIMED.

WASHINGTON, D. C., March 31.—Assistant Secretary Spaulding of the Treasury Department has rescinded instructions issued to the Collector of Customs at Portland, Ore., requiring segregation of bags exported with grain or flour before entry. The instructions, which were issued January 5 last, together with the facts in the case, are as follows:

"The Department duly received your letters relative to the difficulty encountered in the examination of bags on the exportation of which, with

grain shipped by various shippers, drawback is claimed by the manufacturers thereof. From a report of Special Agent W. E. Pulliam, who investigated the matter, it appears that the bags upon which drawback is claimed are so mixed with other similar goods, not subject to drawback, at the place of lading, as to require a long time and great effort on the part of the inspecting officers for the segregation and identification of the bags subject to drawback.

"Under the circumstances, the Department is of opinion that there is no warrant for incurring the great expense involved in providing a special force of inspectors for the performance of said service, and you are hereby authorized to advise the claimants that, unless the bags of their manu-

facture are properly segregated from others before the filing of the preliminary entry and notice of intent to export, the drawback thereon will be considered as not ascertained in accordance with the regulations prescribed under the provisions of section 36 of the act of July 24, 1897, and their claims therefor will be disallowed."

In recalling the instruction, the Assistant Secretary says to require a segregation of such bags before entry would entail upon the claimants of the drawbacks an expense equal to the amount of the drawback claimed. The collector's request that authority be given to instruct his inspectors to tally the shipments in question whenever they are not otherwise engaged is granted.

JOHN E. MORAN.

The Treasury Bureau of Statistics has published an interesting statement showing the rates of import duties levied on the principal articles by the tariffs of the several colonial and other possessions of the United Kingdom, according to the latest returns. The schedules of interest to the milling trade are as follows:

	Wheat, per bu.	Wheat Flour, per barrel.	Indian Corn.
India.....	Free.....	5 % ad valorem.....	Free.
Straits Settlements.....	Free.....	Free.....	Free.
Ceylon.....	6.1c.....	Per cwt., 21c.....	6.1c.
Mauritius.....	Per cwt., 6.1c.....	Per cwt., 9.7c.....	Per cwt., 8.5c.
Labuan.....	Free.....	Free.....	Free.
Hong Kong.....	Free.....	Free.....	Free.
Australasia:			
New South Wales.....	Free.....	Free.....	Free.
Victoria.....	Per 100 lbs, 70.9c.....	Per 100 lbs., \$1.21.....	Per 100 lbs., 71c.
South Australia.....	By sea, per 100 lbs, 48.7c.		
	Overland, free.....	Per 100 lbs, 48.7c.....	Per 100 lbs., 24.3c.
Northern Territory.....	By sea, 10 % ad valorem.		
	Overland, free.....	Overland, free; 10 % ad valorem.....	Overland, free; sea, 10 % ad valorem.
Western Australia.....	12.2c.....	Per ton, \$7.50.....	\$1.46.
Tasmania.....	Per 100 lbs, 36.5c.....	Per 100 lbs., 48.7c.....	Per 100 lbs., 36.5c.
New Zealand.....	Per 100 lbs, 18.2c.....	Per 100 lbs., 24.3c.....	Per 100 lbs, 18.3c.
Queensland.....	8.1c.....	Per 2,000 lbs., \$4.87.....	16c.
British New Guinea.....	Free.....	Free.....	Free.
Fiji.....	12.2c.....	Per 2,000 lbs., \$4.87.....	12.2c.
Falkland Islands.....	Free.....	Free.....	Free.
Natal.....	5 % ad valorem.....	5 % ad valorem.....	36.5c per cwt.
Cape of Good Hope.....	100 lbs, 48.7c.....	Per 100 lbs.....	Per 100 lbs., 48.7c.
St. Helena.....	Free.....	Free.....	Free.
Lagos.....	5 % ad valorem.....	5 % ad valorem.....	5 % ad valorem.....
Gold Coast:			
West of the Volta.....	10 % ad valorem.....	10 % ad valorem.....	10 % ad valorem.....
East of the Volta.....	4 % ad valorem.....	4 % ad valorem.....	4 % ad valorem.....
Sierra Leone.....	10 % ad valorem.....	In barrels or half barrels, 6.1c per 50 lbs or parts thereof, other 10 % ad valorem.....	10.5 % ad valorem.
Gambia.....	7½ % ad valorem.....	7½ % ad valorem.....	7½ % ad valorem.
			For distillation, 7.5c, otherwise free.
Canada.....	11.9c.....	60c.....	Free.
Newfoundland.....	Free.....	25c.....	Free.
Bermuda.....	5 % ad valorem.....	5 % ad valorem.....	5 % ad valorem.
Honduras.....	10 % ad valorem.....	50c.....	Free.
West India Islands:			
Bahamas.....	12.2c.....	60.8c, with 10 % ad valorem.....	12.2c.
Turks' Islands.....	Free.....	91.3c.....	Free.
Jamaica.....	12.2c.....	1.94c.....	6.1c.
a St. Lucia.....	12.2c.....	97.3c.....	12.2c.
b St. Vincent.....	8.1c.....	97.3c.....	8.1c.
Barbados.....	12c per 100 lbs.....	\$1.01.....	12.2c per 100 lbs.
b Grenada.....	12.2c.....	97.3c.....	12.2c.
c Virgin Islands.....	12.2c.....	85.7c.....	12.2c.
c St. Christopher and Nevis.....	6.1c.....	\$1.46.....	6.1c.
c & d Antigua.....	6.1c.....	\$1.21.....	6.1c.
Montserrat.....	6.1c.....	\$1.21.....	6.1c.
c Dominica.....	12.2c.....	\$1.46.....	12.2c.
Trinidad and Tobago.....	8.1c.....	81.1c.....	8.1c.
British Guiana.....	3 mills per pd.....	\$1.01.....	3 mills per pd.
Gibraltar.....	Free.....	Free.....	Free.
Malta.....	80.4c.....	93.8c per cwt.....	18.2c.

a—With an additional charge of 15 per cent on the duty leviable at the rates given.

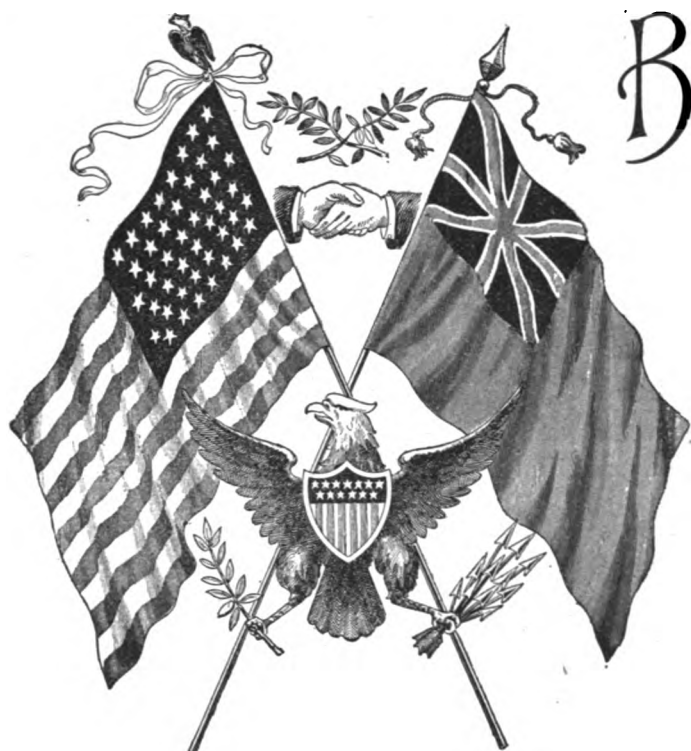
b—With an additional charge of 10

per cent on the duty leviable at the rates given.

c—Produce or manufactures of any other of the Leeward Islands, free.

d—With an additional charge of 33½ per cent on the duty leviable at the rates given.

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Blish Milling Co.,

*** MILLERS OF ***

Indiana Soft Red Wheat,



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Specially Equipped for the Exportation of
WINTER WHEAT FLOUR.

DAILY OUTPUT, 1,500
TEN-STONE BAGS...

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AGENTS IN ALL THE MARKETS
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Milling Co.,**
ST. LOUIS, MO.

PROPRIETORS
PEERLESS MILLS,
Mt. Vernon, Ind.

CABLE ADDRESS:
KAUFFMAN St. Louis

JOHN BULL: I say
Sam, this prosperity's
great! How do you
make it?

UNCLE SAM: Oh
easy! Americans use
Kauffman's Nutritious
High Quality Flours.
It makes them "Healthy
and Wise," and pros-
perity just rains down
on us.

**Lawrenceburg
Roller Mills Company,**

Capacity, 1,500 Barrels.

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FLOUR ADULTERATION

**WITH FLOURINE,
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We make a strictly pure, high grade, unadulterated Flour from the best selected Kansas Wheat. YOUR TRADE SOLICITED.

Goodlander Milling Co.,

Manufacturers

HIGH GRADE KANSAS FLOUR.

CORRESPONDENCE SOLICITED.

FORT SCOTT, KANS.

"Goodlander Flour makes the Best Bread."

Stafford Milling & Elevator Co.,

STAFFORD, KANSAS, U. S. A.

Finest Kansas Hard Wheat Flours.

FOREIGN AND DOMESTIC
CORRESPONDENCE SOLICITED AND
SAMPLES SUBMITTED.

Capacity 400 barrels.



CAPACITY 800 BBLs. DAILY
C. HOFFMAN & SON,
ESTABLISHED 1868
ENTERPRISE, KANSAS. MILLERS
FOREIGN & DOMESTIC TRADE SOLICITED.

Halstead Milling & Elevator Co.,

HALSTEAD, KAN., U. S. A.

KANSAS HARD WHEAT FLOUR.

Daily Capacity 400 barrels. Correspondence solicited and samples submitted.

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Cable Address, "Warkentin."

The Crosby Roller Milling Co.,

MANUFACTURERS OF

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Export and Domestic Trade Solicited.

TOPEKA, KAS., U. S. A.

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PURE WINTER WHEAT FLOUR.

Correspondence Solicited and Samples Submitted.

Daily

Capacity,
800 Barrels.

COFFEYVILLE, KAN.,
U. S. A.

Correspond With . . .

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PROPRIETORS OF THE

ELLSWORTH ROLLER MILLS,

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EXPORT.

HARD WINTER WHEAT FLOUR.

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Pure Kansas Hard Wheat Flour.

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HIGH GRADE . . . FLOUR,
WINTER WHEAT

LEAVENWORTH, KANS.

NEWTON MILLING & ELEVATOR CO.,

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Capacity, 600 barrels daily. Cable address, "Warkentin." Domestic and Foreign correspondence solicited. Samples submitted.

B. Warkentin, Manager. NEWTON, KAN., U. S. A.

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Soft Wheat Brands, Hard Wheat Brands,
BIG FOUR, CLIMAX,
GOLDEN ROD, BUTTERFLY,
PRAIRIE FLOWER. GOLDEN LINKS.

Arkansas City Milling Co.,

KANSAS FLOUR.

For domestic and foreign trade.
Daily capacity, 1,000 bbls.
Correspondence invited.

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CAPACITY 800 BBLs.

Bowersock Milling Company,

DOUGLAS COUNTY MILLS.

WINTER WHEAT FLOUR.

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WHOLE WHEAT FLOUR,
RYE FLOUR & CORN MEAL
800 BBLs.

Water Power to Lease.

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NEW PRAGUE FLOURING MILL CO.,

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MANUFACTURERS OF THE CELEBRATED

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Mills at New Prague and Blue Earth City Minn. MAIN OFFICE
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Capacity, 1200 barrels daily.

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NEW YORK AND THE EASTERN STATES.

NEW YORK, March 24.—(By telegraph.)—The flour market has ruled very dull. Asking prices, however, have improved, but demand has not improved with asking prices. Quotations have been marked up from 5c to 10c. The trade has been of a jobbing character and in small quantities, both in spring and winter wheat flour. The asking prices on spring wheat patents have been advanced about 10c over the market at which any business is doing. The trade seems to be influenced with the belief that improvement in grain is but temporary in character and will not be likely to affect the flour market. The opening of lake navigation, and the consequent lower freight rates, is a factor against buying to any considerable extent. Market for bakers has been dull, with very little demand for low quality. Winter wheat flour is somewhat more steadily held on reports regarding crop conditions, but there has been very little improvement in the market. Better grades are held firm, with a small trade in straights and patents. Low grades are not offered so freely, and exhibit a steady undertone. Exporters continue indifferent in the local market. In rye flour the trade has been small, and prices show a rather heavy undertone on a basis of \$3.10@3.45. A little more inquiry developed

the middle of the week, but business was not large. The wind-up shows a flat, hand to mouth condition of trade.

BOSTON.

BOSTON, MASS., March 24.—(By telegraph from J. Walter Sanborn & Co., millers' agents, and flour, grain, hay and produce merchants.)—There is a little more inquiry for flour, but buyers are unwilling to pay the advance caused by higher wheat markets. To effect sales lower prices have been necessarily accepted. Quotations: Spring patents, \$3.75@4; clears, \$2.80@3.25; winter patent, \$3.70@4; straight, \$3.40@3.60; clears, \$3.30@3.40.

LONDON.

LONDON, March 24.—(By cable.)—Market continues very dull. Winter wheat patent, \$3.45; fancy, \$3.10; Kansas patent, \$3.45; spring wheat patent, \$3.80.

LIVERPOOL.

LIVERPOOL, March 24.—(By cable.)—Sales slow; market very dull. Winter wheat patent, \$3.75; extra fancy, \$3.45; Kansas patent, \$3.45; spring wheat patent, \$3.70.

CHICAGO AND CENTRAL STATES.

CHICAGO, ILL., March 24.—(By Telegraph from Montague & Co.)—During the past week there has been a little improvement in our local trade for flour at easy prices, but holders are not offering at as low prices as recently, and the condition of the market looks a little more healthy. There is some inquiry for export, but foreign buyers are still too low to accept. Prices nominally unchanged. Millfeed steady, \$12 to \$12.50, bulk. Quotations: Winter wheat patents, \$3.50@3.60; straights, \$3@3.15. Bakers, \$2.30@2.40. Rye firm at \$2.40@2.60.

MINNEAPOLIS AND THE NORTHWEST.

MINNEAPOLIS, MINN., March 24.—(By Telegraph.)—There has been quite an improvement in the flour market the past week, and sales have been fully up to production. The demand is mostly domestic, however, foreigners taking but a small quantity. First patents, \$3.55@3.65; second patents, \$3.35@3.45; first clears, \$2.75@2.85; Red dog per ton, \$12@12.50; bran, in bulk, \$10.25@10.75; shorts, bulk, \$10@10.50; middlings, bulk, \$11@11.25; corn, No. 1 feed, \$12.75; flax, \$1.17.

SAN FRANCISCO.

SAN FRANCISCO, CAL., March 24.—(By telegraph.)—Flour receipts for the week amounted to 40,000 barrels. Exports of flour: China, 16,000 barrels; Japan, 1,000 barrels; Honolulu, 1,000 barrels. Flour market, \$4. No exports of wheat; market, 64½c. Have had more good rains and the crops look excellent.

MEMPHIS.

MEMPHIS, TENN., March 24.—(By telegraph from E. C. Buchanan & Co., flour, grain and feedstuff merchants.)—There has been only a fair demand for flour this week, with a moderate amount of business transacted. Patents, \$3.60@3.75; bakers, \$3.15@3.35. Only established brands can be sold at outside prices. White corn, 38½c; mixed corn, 37½c; white oats, 32@32½c; mixed oats, 30½@31c; cornmeal, \$1.70; wheat bran, \$13; No. 2 winter wheat, 76c. Receipts of river corn this week, 3,500 sacks. Stocks: Flour, 28,000 barrels; corn, 40,000 bushels; oats, 50,000 bushels. Only a fair order business doing in grain and feedstuffs, while the grocers have also had only a fair business.

HECKER-JONES-JEWELL
MILLING COMPANY
 NEW YORK CITY, U.S.A.
 CAPACITY: 11,000 BARRELS A DAY
 FLOUR ALWAYS SHIPPED FRESH
 MILLERS OF CHOICE
SPRING BLENDED WINTER
 AND
WHEAT FLOUR.
 The only Flour Mills in the
 United States
 located at the Seaboard
 thus assuring quick
 delivery to purchasers.

NASHVILLE AND SOUTHEAST.

NASHVILLE, TENN., March 24.—The usual quietness which has characterized the flour market of this section for several weeks past still prevails.

Nearly all of the mills have been idle during the week, and the principal efforts of the millers have been to work off their accumulations. Some flour has been sold, but the market is sluggish and buyers are pursuing a hand to mouth policy.

Domestic business is still hampered by the fact that the mills north of the Ohio river are offering goods at prices far too low for the Southern mills to meet in view of the present price of wheat. The mills have not attempted to meet these conditions by any further reductions, and ruling prices are as follows: Patent, \$3.80; straight, \$3.50; extra fancy, \$3.40; fancy, \$3.20; choice, \$2.90.

Shipments of mill products for the week were as follows: Flour, 13,793 barrels; bran, 4,898 sacks; meal, 13,048 bags; grits, 1,382 barrels.

Receipts of wagon wheat are confined to an occasional lot. Farmers show no disposition to sell what they have on hand, and even if they did there is no demand. Car wheat has also been correspondingly light. Aggregate receipts for the week were 45,700 bushels. Wagon wheat is quoted at 72¢@74¢ for No. 2; car wheat, 74¢@78¢, according to grade and value of reshipping privileges. Sales to arrive are reported light, both of corn and wheat.

The growing wheat crop is beginning to show the effects of the spring-like weather and is growing nicely. The plant looks healthy.

Corn receipts, though light, are equal to the demand. Good white milling corn from the Ohio river is quoted at 41¢; Tennessee corn, 39¢ in sacks. The corn mills are all running full time, and the demand for corn goods continues active. Bolted meal is quoted at 85¢; pearl, 95¢; grits, \$2.25. There is some foreign inquiry for corn goods, but no sales have been effected, as the offers are lower than millers could afford to accept.

Bran and shipstuff are in good demand. Bran, \$13.50; middlings, \$14.50@15.

N. H. Snodgrass, of Scottsboro, Ala., has sold his mill to E. H. Caldwell.

M. T. Baughner has purchased a flour mill at Kuttawa, Ky.

The James Robertson mill, at the

forks of Little Sandy, Va., is to be improved by new rolls.

The flour mill at Williamsburg, Ky., which has been idle for some time, has resumed operation, under the management of James Shirley.

The Liberty mills, Nashville, report: Business continues dull, and we are selling very little flour, but are oversold on meal and bran. Our mill has been shut down for a week for repairs.

The Cumberland mills, Nashville, report: Business has been very quiet all the week. We hope that the advance in wheat will help matters, but we have not had time to feel the effects of this. There is a better feeling in corn product values, and we are running our corn plant to its capacity and selling readily the output.

Several years ago Capt. W. J. Mathes, of Union City, a member of the milling company of Mathes & Sullivan, lost the sight of one eye, and the other was knocked out recently by a piece of stove wood he was splitting. It was believed that the Captain would never see again, but he has regained the use of the eye lost several years ago.

The Model mills, Nashville, report: While there has been no actual improvement in flour conditions this week, still there are indications of a strengthening of values and this has had a good effect on trade. The advance in wheat will, we think, bring some more business, provided this advance proves permanent, and we see no reason why it should not. Already the firmness resulting has brought us some increase of offers and inquiries.

G. T. HALLEY.

MOBILE.

MOBILE, ALA., March 24.—(By Telegraph.)—Business for the past week was very satisfactory, with fair demand, especially for corn for export. Quotations: Minnesota patent, \$4; Illinois soft winter wheat patent, \$3.80; straight, \$3.45; Kansas high grade patent, \$3.75; standard patent, \$3.60. Receipts for this week were 13,750 barrels. White corn, 40½¢; yellow corn, 41¢@41½¢. Receipts light. Bran, large sacks, \$14.65; small sacks, \$14.85. Receipts light. Pearl meal, \$2. Illinois grits, \$2.05. White oats, heavy clipped, 34½¢@34¾¢; No. 2, 34¼¢; No. 3, 34¢.

ROME.

ROME, GA., March 24.—(By telegraph from H. D. Cothran & Co.,

flour, grain and feedstuff merchants.)—Demand fair; stocks light. Prices unchanged. Winter wheat patent, \$3.92; straight, \$3.62; white corn in improved demand; sacked, 48¢.

CHARLESTON.

CHARLESTON, S. C., March 24.—(By telegraph from F. W. Wagener & Co., flour, grain and feedstuff merchants.)—The flour market is quiet, with prices but slightly changed from a week ago. Quote: Tennessee patents, \$3.90; straight, \$3.50; spring wheat patent, \$4.10; bakers patent, \$4.20.

SAVANNAH.

SAVANNAH, GA., March 24.—(By telegraph from M. Ferst's Sons & Co., flour merchants.)—Flour trade this week has been fair, with fair demand. Ruling prices are: Winter wheat patents, \$3.85; fancy, \$3.70; straights, \$3.55; spring wheat patents, \$4.35; bakers, \$3.95; low grades, \$3.25.

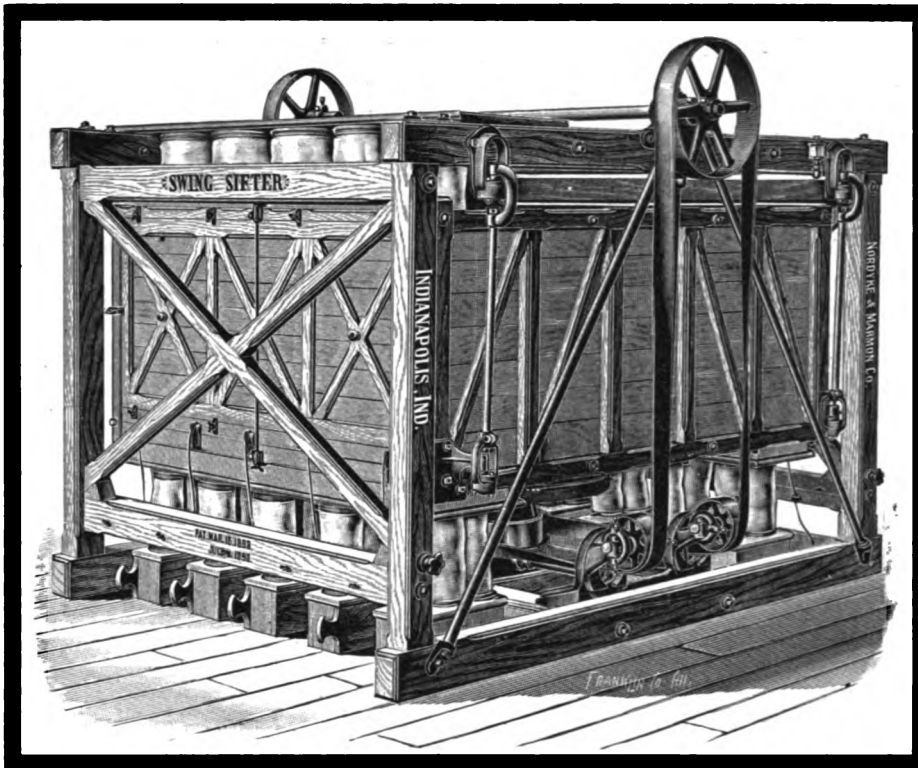
ATLANTA.

ATLANTA, GA., March 24.—(By telegraph from Geo. W. Brooke, flour, grain and feedstuff merchant.)—Quotations are: Soft winter wheat patent, \$3.80; straight, \$3.50; extra fancy, \$3.40; spring wheat patent, \$4.25; hard winter wheat patent, \$4; white corn, 48½¢; demand light.

QUINCY.

QUINCY, ILL., March 24.—During the past week the temperature has ranged between 30 and 50 degrees above zero. During this same period we have had one-half inch of rain. Wheat receipts for the past week have been very light on account of the almost impassable roads, but with several days of sunshine and dry weather there will be considerable wheat offered. Local millers are paying 66¢ to 68¢ per bushel for No. 2 red winter wheat; 61¢ to 63¢ for No. 3; 52¢ to 54¢ for No. 4; rye 50¢; corn 37 to 38¢; oats, 31¢ to 32¢. Millers have reduced the prices of flour 20¢ per barrel, which took effect Monday, March 20, prices being to-day: Patent, \$3.80 per barrel; extra fancy, \$3.60; hard wheat, straight, \$3.60; retail 20¢ per barrel higher. Bran—wholesale, \$13. and shipstuff \$14 per ton; retail, bran, \$14 and shipstuff \$15 per ton. Bolted meal in bulk, \$1; sacked, \$1.10 per

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It Pays! It is a machine that can be relied upon to do the most perfect work with the least attention. The adjustments are few and simple. It is self contained, occupies small space, runs smoothly, requires exceptionally small power and has large capacity. It is very strong and very durable. The cloth cleaner is perfect. Cleans underneath the silk. The sieves and all other parts are easy of access, making it very convenient for the operator. It is by far the most practical and successful sieve bolter yet produced, and with our rolls, purifiers, differential reels, bran dusters, dust collectors, etc., we offer a combination that is unexcelled. Let us hear from you.

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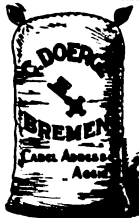
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Iron Founders and Machinists.

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T. B. HORNE. D. D. HORNE. J. M. HORNE. HORNE BROTHERS, GRAIN and FLOUR MERCHANTS. C. I. F. Business only. LIVERPOOL.	G. C. BARNES. A. BARNES. BARNES & CO., FLOUR IMPORTERS, CODE: Riverside, 10, DRURY LANE. 1890 Ed'n. Telegraphic address LIVERPOOL. "Minatory," Liverpool.	ARTHUR V. JAMES. ISAAC MCILROY. ARTHUR JAMES & CO., IMPORTERS AND AGENTS Flour, Grain and all Kinds of Feedstuffs 15 Queen Square, BRISTOL.
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FARQUHAR BROTHERS, ... 81 Hope Street, ... Cable Address: "Glencairn." C. I. F. Business only.	DUNLOP BROTHERS, 11 Bothwell St., Cable Address: GLASGOW. "MERITO."	MOWAT BROTHERS, 7 Madeira Court, AND AT BELFAST. GLASGOW.
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P. A. BUNTEN, IMPORTER OF GRAIN, SEEDS AND OIL CAKES, AMSTERDAM. Cable Address: "Buntten."	D. SCHUMACHER, IMPORTER OF Grain, Seeds, Oilcakes and Cottonseed Meal On Commission or Own for Account. AMSTERDAM. Cable Address: "Mercurius."	JOHN H. BARRE, IMPORTER OF Wheat, Bran, Cottonseed Meal, Brewers Grain, Maltsprouts, Oil Cake, Etc. BREMEN, GERMANY. Cable Address: "Barre, Bremen."
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GEBR ARNOLD, IMPORTER OF Bran, Wheat & Corn, Feedstuffs, Flaxseed Cakes, Etc. HAMBURG, GERMANY, Riverside Code, 1890. Cable Address: "Arnobius, Hamburg." Correspondence of responsible firms invited with a view to C. I. F. business.	GUSTAV KRÜGER, IMPORTER OF Grain, Flour and Mill Products, BERLIN, S. O., HAMBURG, Schmidt - Strasse 18. Alsterweg 19. Codes Riverside, 1890. Cable Address: A. B. C. 4th Edition. "Baltica" Hamburg	 Desires Connection For COTTON SEED PRODUCTS, Bran of all kinds, Dried Grains, Malt Sprouts, Rice Polish, Rice Bran, Lin- seed Meal and Cake. C. I. F. Business. In daily connection with all German Importers. I use the following codes: A. B. C. Fourth Edition, Baltimore Export Code, I. R. Armsby Cipher 1893, Riverside 1890, Woerterbuch "Bern," Adams Cable Code.
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Daily Capacity:

500 Bbls. Flour,
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We are ready for business,
Domestic and Foreign.

QUINCY.

QUINCY, ILL., March 31.—During the past week the temperature has ranged between 30 and 54 degrees above zero. During this same period we have had nearly two inches of snow, which, at this writing, has almost disappeared. Wheat receipts for the past week have been light on account of the bad condition of the roads. Local millers are paying from 68c to 70c per bushel for No. 2 red winter wheat; 62@68c for No. 3; 53@55c for No. 4; rye, 50c; corn, 38@39c; oats, 31@32c. Millers have again advanced the price of flour, taking effect March 27. The present prices are: High patent, \$4 per barrel; extra fancy, \$3.80; hard wheat straight, \$3.80; retail, 20c per barrel higher. Bran, wholesale, \$13, and shipstuff, \$14 per ton. Retail, bran, \$14, and shipstuff, \$15 per ton; bolted meal, in bulk, \$1, and sacked \$1.10 per hundred. Chopped corn, 85c; chopped corn and oats, 86c per hundred.

Dick Bros. report their mill running daytime.

Knollenberg & Wavering are running the City mill night and day.

The Acme, Gem and Farmers' mills are getting in about five days per week each.

Taylor Bros. Milling Co. report milling conditions unchanged from one week ago.

John Wavering, of Knollenberg &

Wavering, says that if the reports coming in regarding the condition of the growing wheat are reliable, the crop has been damaged at least 25 per cent since March 1.

HANNIBAL.

The Hannibal Milling Co. started the Empire again Monday, after being down several days.

Carter, Shepherd & Co. keep the Eagle mill moving along day time, but expect to be down next week to put in the rotary sifters, which were lately bought from the Knickerbocker Company.

Pindell Bros. & Co., report business rather quiet, with mill idle the first of the week.

The condition of the growing wheat in the vicinity of Hannibal has not been so favorably reported for the past week, but as there has not been any growing weather this was, of course, to be expected.

The mill and crop situation at Palmyra remain unchanged from last week. It is reported that the growing wheat, which has been protected by the surrounding timber, is looking fine.

WARSAW.

The Warsaw Milling Co. reports local trade some better than a week ago. W. E. Albers, secretary and treasurer of the Warsaw Milling Co., reports that he has taken samples of the growing wheat from several of his fields, the plants of which when first taken up appear to be dead, but after

several days of exposure to growing conditions show sufficient life to develop healthy appearing plants.

Charles Albers, manager of the Grace mills, Warsaw, has returned from Hot Springs, Ark., where he spent six weeks for his health. He is much improved physically, and is feeling and looking fine.

In summing up the condition of the growing wheat for this, the last day of March, it would be a difficult matter for one to take the reports as circulated and form any reliable sort of an opinion, as the statements are so conflicting that they are utterly useless for one to follow in making up a reliable estimate of the damage said to have been done. Sunshine and growing weather for about ten days will do more toward proving or disproving the widely circulated damage reports than anything else, and, in fact, that is about the only thing that will satisfy the people. I am still of the opinion that the damage reported for this section of the country has been greatly overdrawn, for the simple reason that we have not had sufficient growing weather to develop the life in the plants. Therefore, I do not see how one can determine whether the plants are dead unless subjected to growing conditions, which has not, to my knowledge, been done except in a few rare cases.

W. D. HOLLISTER.

Fire Proof Grain Storage

Investigate our patent pneumatic system for storing grain.

Particulars and Prices
Sent on Application...

**STEEL STORAGE
AND ELEVATOR
CONSTRUCTION CO.**

Guaranty
Building,
Buffalo, N. Y.

WHITE OAK ROLLER MILLS.



15,000 Bushel Steel Tank with Pneumatic Conveying System built for Ernest Meyers, Oak, Neb.

LEADING MILLS OF ILLINOIS

SPARKS MILLING CO., ALTON, ILL., U.S.A.

—W. D. SPARKS, in Charge of Havana, Cuba, Office.—

OUR FACILITIES for handling the Cuban trade are complete. Write for prices to our home office or to our branch in Havana, Cuba.

H. E. HALLIDAY, President.

W. S. GORE, Manager.

H. L. HALLIDAY MILLING CO.,

Manufacturers of **GUARANTEED PURE WINTER WHEAT FLOUR.** Cairo, Illinois.
Capacity, 800 barrels daily. Also dealers in Grain.
Our Leading Brands are SYLPH, Patent.
CLEOPATRA, Extra Fancy.

Correspondence Solicited.
Our grain receiving and storage facilities and shipping advantages are unsurpassed.

Columbia Star Milling Co.,

SUCCESSORS TO HENRY HUOH.

COLUMBIA STAR BRANDS
Foreign and Domestic
Correspondence Solicited.

MANUFACTURERS OF THE CELEBRATED

CAPACITY, 500
BARRELS.

COLUMBIA, ILL.

Established 1861. Capacity, 600 Bbls. Daily.
REICHERT MILLING CO.,
Manufacturers of
Pure Soft Winter Wheat Flour.
PLANSIFTER SYSTEM.
...FREEBURG, ILL., U. S. A...

DEAN MILL CO.,
AVA, ILL.
Highest Quality
Winter Wheat.. **FLOUR.**



Eagle Milling Co.,
SPARTA, ILL.
MANUFACTURERS
OF...
**High-Grade Flour from
Best Winter Wheat.**
—Capacity, 400 Barrels.

1875-1898. CAPACITY, 800 BBLs.
SCHULTZ, BAUMAN & CO.,
BEARDSTOWN, ILL.
PURE SOFT WINTER WHEAT FLOUR
for Domestic and Foreign Trade.

EGYPT MILLING CO.
ESTABL. **ASHLEY ILL.** 1866.
MANUFACTURERS OF
PURE WINTER WHEAT FLOUR

WATERLOO MILLING CO.,
WATERLOO, ILL.
Manufacturers of...
Winter Wheat Flours,
"MONARCH" and "CALUMET."



JOHN HUEGELY, JR. JULIUS HUEGELY. THEO. L. REUTER.
Huegely Milling Co.,
Nashville, Illinois.
Manufacturers of High Grade
Winter Wheat Flour.
Huegely's Best, Washington, Huegely's Eagle,
Lily or Egypt.

PINCKNEYVILLE MILLING CO.,
—MANUFACTURERS OF—
Fine Winter Wheat Flour
PINCKNEYVILLE, ILL., U. S. A.
Capacity, 500 Barrels.



MAGNOLIA MILLS,
WATERLOO, ILL.
T. KOENIGSMARK, Proprietor.
Capacity, 400 Barrels.

H. C. Cole Milling Co., Chester, Illinois.
Manufacturers of
Pure and Uniform **RED WINTER WHEAT FLOURS**
Capacity, 700 Bbls.
BRANDS:—"Omega," "Theta," "Cole's Mills," "PPFQ," "Comfort," "Dianara."

SOUTHERN ILLINOIS MILLING CO. Capacity, 500 Barrels.
—MANUFACTURERS OF—
PURE RED WINTER WHEAT FLOUR.
Does a foreign and domestic business. Does not employ brokers.
—MURPHYSBORO, ILL., U. S. A.

HEZEL MILLING CO., E. St. Louis, Ills.
FINEST
WINTER
WHEAT
FLOURS.
Capacity, 800 barrels.
Commenced business 1866.



ESSMUELLER-HEYDE MILL FURNISHING CO., MILL BUILDERS AND MACHINISTS.

Corrugating and Grinding Rolls a Specialty. Bolting Cloths
Made Up On Short Notice.

805 S. SIXTH STREET, ST. LOUIS, MO.

—WRITE US.

LEADING MILLS OF ILLINOIS.—CONTINUED.

ESTABLISHED 1856.

ST. LOUIS MILLING CO.,**CARLINVILLE, ILL., U. S. A.**FINE WINTER WHEAT FLOUR.

Registered Brands

{ ANITA,
WHITE SILK,
PRINCESS ANNE,
PURITY.

*** FINEST HARD WHEAT PATENT ***

Searchlight.

We also Manufacture HIGH GRADE CORN

.... GOODS of All Kinds.

CLEAN BRAN

How good a miller feels if the bran is well cleaned and there are no specks in the flour! He knows then he is on the right road to good milling. Bran is most easily cleaned when "broad and flaky."

The Beall Wheat Steamer is the very best method for producing broad bran ever used in a mill. Over 2,000 practical millers say that. Try one free for 30 days, you'll believe us then.

THE BEALL IMPROVEMENTS CO.,
Decatur, Illinois.

READING MILLS OF MISSOURI

E. O. STANARD MILLING CO.,

Cable Address,
"STANARD"
St. Louis.

--- MANUFACTURERS OF ---
Red Winter and Kansas Hard Wheat Flours.

Daily Capacity, 5,000 Barrels.
Wheat Elevator Capacity, 600,000 Bushels.
General Offices, ST. LOUIS, MO., U. S. A.

Member of the Winter Wheat Millers' League.

Our "RELIABLE" brand of Kansas Hard Wheat Patent Flour was awarded first premium by the great St. Louis Fair Association, October, 1898, in competition with the best Minneapolis flours.
"RELIABLE" is the greatest bread producer on the market. Write for samples and prices.



Hunter Bros.
ST. LOUIS, MO. U.S.A.
MANUFACTURERS OF
SUPERIOR WINTER WHEAT FLOUR
AND SHIPPERS OF
Millfeed & Grain
OFFICE, 45 & 46 REPUBLIC BUILDING.
Capacity, 650 Barrels Daily.



CARTER, SHEPHERD & Co.
Proprietors
EAGLE MILLS, HANNIBAL, MO.
Superior Grades of
Winter Wheat Flour.
Capacity, 500 barrels daily.

HANNIBAL MILLING CO.
Manufacturers of High Grades of
WINTER WHEAT FLOUR
—For both Domestic and Export Trade.—
Correspondence Solicited.
HANNIBAL, MO.

R. T. DAVIS MILL & MFG. CO.,

ST. JOSEPH, MO., U. S. A.

Located in the Center of the Missouri and Kansas Hard and Soft Wheat Section. This is the finest and most modern Mill west of the Mississippi River.

DAILY CAPACITY, 1,000 BARRELS.

Foreign Office: 39 SEETHING LANE, LONDON, E. C. 3.
A. F. LANGDON, Mgr. ENGLAND.

INTER-STATE MILLS,

ARMS & KIDDER, Proprietors.

KANSAS CITY, MO., U. S. A.



We Manufacture Choicest
grades of Hard and Soft
KANSAS FLOUR.

JOHN F. MEYER & SONS,
SPRINGFIELD, MO.

High Grade Flour,
Soft Wheat, BRANDS, Hard Wheat,
"ALBATROSS" "PREMIER"

General Office, 122 Laclede Building,
ST. LOUIS, MO., U. S. A.

The Union Milling Co.

CAPE GIRARDEAU, MO.,

Manufacturers **HIGH GRADE FLOUR.**
of

Write for our prices.

Capacity, 400 Bbls. Daily

The Higginsville
Milling Co. . . .

HIGGINSVILLE, MO.

High Grade
Winter Wheat
Domestic and Export Trade.



Cowgill & Hill
MILLING CO.

CARTHAGE, MO., U. S. A.
Millers and Exporters of
Winter Wheat Flour.
Foreign and Domestic
Correspondence Solicited.

MEYER & BULTE,

PROPRIETORS OF

WHITE SWAN MILLS.

Manufacturers of

Hard and Soft Wheat Flour
CLINTON, MO.



DAVID B. KIRK & Co.,

KANSAS CITY, MO., U. S. A.

Flour Exporters AND DEALERS IN Kansas Hard Wheat Flour.

OUTPUT 1500 BAGS PER DAY.

LEADING MILLS OF MISSOURI.—CONTINUED.

Daily Capacity.
Flour, 1,000 Bbls.,
Corn Products, 600 Bbls.

R. C. STONE MILLING CO.,

Mills at SPRINGFIELD, REPUBLIC
and EXETER, MO.

Also dealers in and
shippers of all
kinds of

GRAIN, FLOUR AND FEED.

...MANUFACTURERS OF...
Pure High Grade Hard and Soft Wheat
Flours and Fine Corn Meal Products.
SPRINGFIELD, MO., U. S. A.

Established 1874.

Refer to Any Bank in Kansas City.

TALPEY BROS. & CO.

RECEIVERS AND SHIPPERS OF

GRAIN

307-308 Board of Trade, KANSAS CITY, MO.

Mills supplied with Wheat direct from Country Stations
and will settle on weights at the mill.

S. W. COBB.

WM. A. GARDNER.

S. W. COBB & CO.,

COMMISSION MERCHANTS,

Grain, Provisions, Stocks and Cotton.

317-319 Chamber of Commerce, ST. LOUIS, MO.

Orders executed in Grain, Provisions and Stocks, Foreign Wire to
Chicago, New York, Boston and Kansas City.

Annan, Burg & Smith,



Commission
Merchants,

**FLOUR, GRAIN
AND FEED.**

..... St. Louis, Mo.

J. W. MOORE, Pres't.

A. MCKENZIE, Treas.

P. F. CARY, Sec'y.

Moore Grain & Elevator Co.

GRAIN MERCHANTS.

We make a specialty of filling mill orders direct from country shippers

Proprietors

303-4 Exchange Bldg.,

MISSOURI ELEVATOR.

KANSAS CITY, MO.

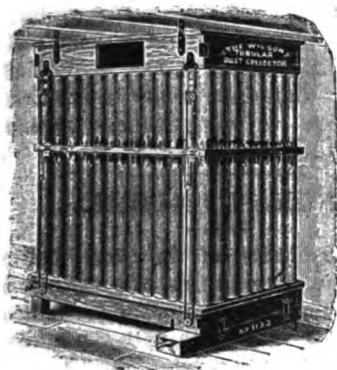
CORNELIUS MILL FURNISHING CO.

MILL BUILDERS

CORRUGATING AND GRINDING ROLLS A SPECIALTY

OFFICE & WORKS 1119-21 N. SIXTH ST. ST. LOUIS MO

BOILING CLOTHS
Made up on
Short Notice
**EVERY CLOTH
GUARANTEED**



**If You Want
a Collector**

That Is Guaranteed
to Collect and
Settle All
of the Dust,
Get

"The Wilson Tubular"

WITH DETACHABLE TUBES.

Manufactured by

HARMON-WHITMORE CO.,

JACKSON, MICH.

L. S. MEEKER,
General Agent.

FOR
QUICK RESULTS
ADVERTISE
IN
THE MODERN MILLER
AT
FAVORABLE
RATES.

ST. LOUIS

ST. LOUIS, March 31.—Total receipts of flour for the week ending to-day, and including last Saturday, were 27,200 barrels, as against 34,255 barrels last week and 22,150 barrels last year. Shipments for the same time amounted to 38,821 barrels, as compared with 47,494 barrels last week and 17,216 barrels the corresponding week last year.

In the local flour market conditions were somewhat more encouraging as far as the domestic trade was concerned, yet the milling situation was still unsatisfactory as a whole, as there was not enough improvement all around to overcome the dullness that has prevailed for some time. The domestic demand was best from the South, with an increasing tendency, which, if continued at the present rate, will result in quite a flourishing business. Otherwise, however, domestic trade was slow and sales difficult.

The export trade was curtailed by the advance in wheat, yet foreign bids received indicated a desire to buy. The feeling among exporters was more confident, some predicting an increase in the foreign demand, owing to recent crop damage reports that have been so numerous circulated. There has been some revival of the demand from English ports lately, being the first from there this year, and a few sales were made to the United Kingdom at advanced prices. Sales in small lots were also reported to Newfoundland.

Owing to the better tone of the wheat market, higher prices have generally been asked for flour, but no material advance was obtainable on most of the sales made.

Quotations at the close of yesterday's business were as follows: Patents, \$3.55@3.70; straights, \$3.20@3.30; clears, \$2.75@3; low to medium, \$2.25@2.50.

The market for millfeed was stronger, but ruled quiet. There was a fair demand for bran from the South, yet the output of the mills was so small that most of the offal was sold to the city trade, or on direct orders. Sacked bran is quoted to-day at 57½¢ basis East St. Louis, and 58¢ this side. Jobbing sales from the mills were at 58@60¢ for bran, and 70¢ for shipstuffs.

The output for St. Louis mills for the week ending April 1 was 30,300 barrels, against 33,500 barrels last week and 23,200 barrels the corresponding week last year.

No session of the Merchants' Exchange was held to-day—Good Friday.

John Fraser, representative of the Edward P. Allis Co. in this territory, returned this week from a visit to the factory at Milwaukee.

Louis Fusz, president of the Regina Flour Mill Co., is expected to return from a trip to Southern and Cuban markets on next Sunday.

E. H. Stephan, of Meek, Finger & Co., Marissa, Ill., and Charles Schacht, of Pocahtonias, Ill., were visiting millers in St. Louis Monday and Tuesday.

It is expected the contract for remodeling the Tebo mills at Clinton, Mo., will be awarded to-day or early next week by Messrs. Bernheimer & Kracke.

W. O. Everett, Western representative of the Wolf Co., Chambersburg, Pa., passed through St. Louis Thursday morning en route from his home in Indianapolis to Kansas.

A. J. Vanlandingham, manager of the St. Louis Traffic Bureau, who had been at Citronelle, Ala., for several days, recovering from his recent illness, returned to his desk Thursday, much improved in health.

Robert P. Tansey, a well known citizen and business man of St. Louis, who was president of the Merchants' Exchange in 1872, and vice-president of that body in 1871, died on Wednesday. His widow, one daughter and one son survive him.

Work has been begun on the new hard wheat mill being built for the George P. Plant Milling Co. by Nordyke & Marmon Co. About twenty millwrights are now at work in the building, and it is expected to have the mill in operation by May 1.

Wm. Prange, of New Douglas, Ill., and Julius Postel, of Mascoutah, Ill., were among out-of-town millers on Change Wednesday. Both expressed fears that winter wheat had been badly damaged, but said the actual condition cannot be told until after a few days of growing weather are had.

A. A. Croft, representative of the Nordyke & Marmon Co., Indianapolis, was in St. Louis Thursday. He reports the factory crowded with orders, and trade still keeping up. Work on the new plant being erected by this company at Indianapolis has been delayed by the bad weather, but will be pushed from now on.

A settlement by the shorts of, it is said, about 1,600,000 bushels of May No. 2 red wheat on Wednesday caused a temporary decline in the May option on the St. Louis market of 3½¢ from Wednesday's top price. This de-

cline was quickly recovered, however, and May closed 1-16¢ above the opening price for the day. July wheat, however, on Wednesday closed with a gain of 2@2½¢ for the day.

Charles Wunderlich, of the Charles Wunderlich Cooperage Co., will go to Clinton, Mo., Sunday night, and on Monday will take charge of the cooperage plant connected with the White Swan mills, in that city. This shop will hereafter be operated by the Wunderlich Company instead of by Meyer & Bulte, as heretofore. It will continue to supply barrels for Meyer & Bulte, but will also enter into competition for the general cooperage trade of that section.

David Pollock, one of the oldest and best known millers in the Southwest, died recently at his home in St. Louis. Mr. Pollock was for twenty years head miller of the United States Mill, of St. Louis, owned and operated by Goddard & Sons, who knew his worth as a miller, and, like all others who knew him, always found him to be an honest, unassuming, upright gentleman. Mr. Pollock was well known to local, as well as visiting, millers and machinery men, a large number of whom attended his funeral. He left no enemies.

David Simpson, the well-known miller and mill machinery man, who had been ill at his home in St. Louis, suffering with serious affection of the optical nerves for the past five weeks, has recovered sufficiently to leave for Minneapolis, where he some time ago accepted a position as traveling salesman for the Strong & Northway Manufacturing Co. in that territory. Mr. Simpson is one of the best-known men to the milling trade throughout the West, his acquaintance extending from the Canadian border to the City of Mexico. A few years ago he was in charge of a mill in Mexico.

FLOODS IN ARGENTINE.

The last issue of the Corn Trade News to arrive on this side says that heavy rains and consequent floods are interfering very much with the movement of wheat in some parts of Argentine, while samples are lowered in condition. It adds that in the north part of the country communication is entirely cut off, and that it is likely that shipments will diminish for a time, although the weather is somewhat improved. Another correspondent of the same paper, writing from Rostoff-on-Don on February 28, says that for the preceding ten days the weather had been frosty with snow falling abundantly, but that the crops were well covered.

THE UNIVERSAL BOLTER

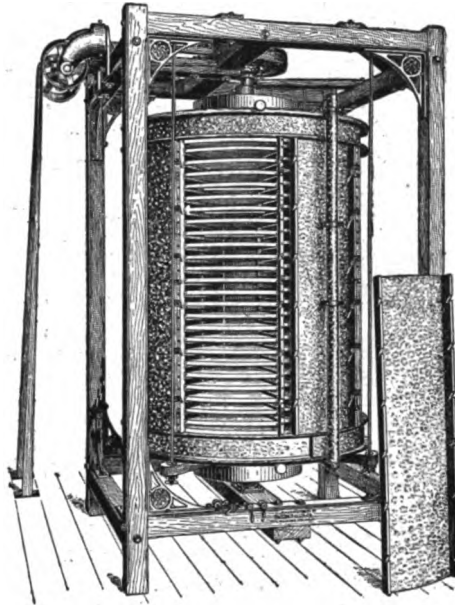
Compact

Efficient



Light Running

Profitable



KINGSTON, ARK., February 21st, 1899.

THE EDWARD P. ALLIS CO.,

MILWAUKEE, WIS.

Gentlemen: Your letter making inquiry about the Bolter was referred to me by the Mill Co.

Before I say anything about the bolter, however, it may or may not be of interest to you—in a few days I shall be 72 years old. In the spring of 1842, at the age of 15, I commenced at the bench to learn the millwright trade. Boy and man I have followed it in some of its branches to the present, having built most all kinds of reels, including the inter-elevator, and was quite proud of some of them. I have also used the round reels of the various manufactures with very good results, but in all of them I have never found anything that handled all the stock from first break to last reduction with the quickness and ease of the Universal Bolter. The power that will drive a 10-inch reel will drive it. It occupies little space, its separations on all kinds of stock are nearer perfect than any bolting system I ever saw. I also appreciate the fact that the sieves are small, interchangeable, permitting the miller to get any combinations of cloth on any section without ripping the cloth apart.

With your Centrifugal Reel (the only one I ever saw, or would have as a gift) on the finish, the Kingston Roller Mill Co. is making a first-class patent with less than one-half of one per cent low grade with very poor wheat in the bargain. In conclusion will say the Allis Roller Mills are all right. I am very proud of the Kingston Roller Mills—while financially I have no interest in it, only desiring to see it prosper—and I think when all the work laid out is completed it will be a daisy.

So much of this as will be of service to you you are at liberty to use.

Very truly yours.

(Signed) A. D. BASORE.

No machine that pays its way is expensive, and none will pay so well as the UNIVERSAL.

WRITE US FOR FULL INFORMATION



KANSAS CITY AND THE SOUTHWEST

KANSAS CITY, MO., March 21.—By telegraph.)—Although there is no particular stir in the market for flour, yet prices are advancing in full sympathy with a surprisingly strong situation in wheat. Millers are awakening to the scarcity of supplies of wheat and in the meantime holding the price of flour at a higher level. Millers in Kansas are paying the top notch for wheat, and this, it is thought, has a tendency to curtail the receipts here. Quotations for the week are about as follows: Soft wheat, per barrel, patents, \$3.50@3.60; straights, \$3.20@3.40; extra fancy, \$2.45@3; low grades, \$1.50@1.60; hard wheat patents, \$3.15@3.25; straights, \$2.70@2.80; bakers, \$2.15. Cornmeal, in bulk, 67@68c. Bran in fair demand at 60c per hundred.

R. O. Pirley, salesman for the Osborne Mill Co., was in Kansas City this week and reports a good trade.

J. P. Sterling, representing the Prinz & Rau Manufacturing Co., reports a large trade and many inquiries for their goods.

R. L. Patterson, of the Patterson Mill Co., Smithville, Mo., was in Kansas City this week on business connected with the mill.

Herbert Hackney, miller at Topeka, was in the city this week and reports his mill running day time on local and domestic trade only.

J. N. Heater, representing the S. Humes Co., Silver Creek, N. Y., was in Kansas City twice this week. Mr. Heater reports an excellent business.

Wile Cottonwood Valley Mills, Marion, Kan., will be remodeled to the same system and their capacity increased to 100 barrels in the near future.

The Oswego Mill Co. has let the contract to the Nordyke & Marmon Co. for remodeling and rebuilding their mill. The capacity is to be increased to 200 barrels.

Otto Swaller, of the I. M. Yost Mill Co., Hays City, Kan., has removed his family to Kansas City. He is also associated with the Standard Grain & Milling Co. of Kansas City.

W. H. Kelley, of Kelley Bros., Edgerton, Kan., was in the city this week and reports a good local and domestic trade. He also reports that little wheat is moving in that vicinity.

W. H. Johnson, representing the

Nordyke & Marmon Co., Indianapolis, passed through the city this week. Mr. Johnson is kept busy over the country receiving orders for his firm.

We have been having a very bad storm throughout Kansas City and vicinity, and many Board of Trade men believe that without a question it will develop more or less damage to the wheat crop.

F. G. Davis, of the R. T. Davis Mill & Manufacturing Co., St. Joseph, was in the city on business connected with his firm. This company has a branch house here which handles considerable of their product.

C. N. Post, Arkansas City, was on 'Change this week. Mr. Post speaks very flatteringly of the new flour mill to be erected at that point, and states that he does not believe there has been as much damage to the growing wheat crop as is reported.

Word reached here to-day that Wm. Scott, a grain merchant of Liverpool, England, committed suicide on March 24 on the Cunard steamer Umbria, while en route to this country. He inflicted the injury by cutting his throat with a broken bottle.

The receipts of wheat are very high in this market, and what is coming in is not of the quality that is desired. The millers complain that the best grades are not coming in, and it works a hardship against them when they want to fill special orders for flour.

Corn receipts last week were much heavier than was anticipated, but in spite of that, corn still advances; the local demand is exceedingly good, and white corn is now worth in this market 14@14½c over mixed corn prices. The mills in this vicinity are running exceedingly light.

A letter received from Waco, Tex., states damage has been done in that vicinity; that the heavy freeze of last Monday killed the corn. In many places it was two inches high. It will have to be replanted. Damage is also reported to the oat crop, and the fruit crop is killed in that vicinity.

G. T. Rogers, of the Beloit Mill Co., Beloit, Kan., was on 'Change this week and reports a good local and domestic business. The wheat is not moving as fast as was expected, as the farmers are very much inclined to hold their wheat until they ascertain the amount of damage to the present crop.

The Pawnee City Mill Co., Pawnee, O. T., was chartered yesterday; capital stock \$10,000, with the following

officers and directors: W. E. Gorton, president; N. E. Gorton, secretary; Robert M. Carr, treasurer; M. L. Gorton and M. G. Carr, directors. The company will erect a 250-barrel flour mill at once and do a general milling and grain business.

Robert Atkinson, of the Kansas Millers' Mutual Fire Insurance Co., has removed his office from Ottawa to Kansas City, No. 230 Board of Trade building. This company will be known, after its removal, which will be April 1, as the Western Millers' Mutual Fire Insurance Co., and will do business on a much larger and broader scale in the future.

A great deal of anxiety is felt on the Kansas City Board of Trade regarding the corn and oat crop. It will be impossible for the plows to be in the field now before April 15, and usually the corn should be planted by that time. The month of March is now over, and there are no oats sown in the West, and they should have been sown in February or early in March.

The Clearing House of the Kansas City Board of Trade was put in operation last Monday, and the following trades were settled: 2,300,000 bushels May wheat; 690,000 bushels July wheat; 810,000 bushels May corn. Tuesday's trades were as follows: 900,000 bushels May wheat; 440,000 bushels July wheat; 170,000 bushels May corn. Quite a number of millers who have been hedging their purchases and sales in Chicago are now commencing to do business in Kansas City, because they can keep in nearer touch in Kansas City than when trading in Chicago. It is predicted by many that the Kansas City option market is sure to succeed.

H. F. C. Schacke, of Copenhagen, Denmark, a large importer of flour, wheat and corn, was in Kansas City this week in consultation with D. B. Kirk & Co. Mr. Schacke speaks very flatteringly of Kansas hard wheat flour, and states that it is gradually gaining ground in his country. He also states that the Kansas hard wheat is becoming very popular in his country, and he predicts that in the future more Kansas hard winter flour will be imported than ever before.

PHILIP E. BURROUGH.

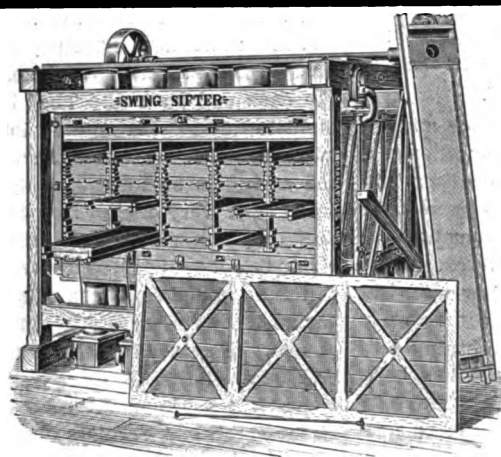
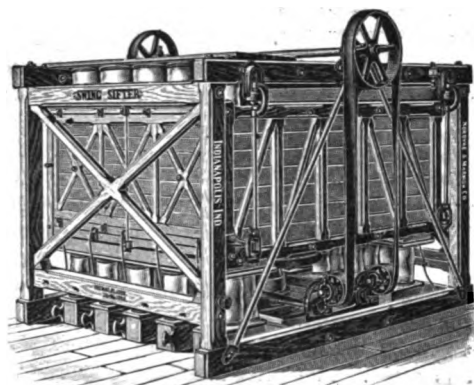
TYPE

THE MODERN MILLER

If you need Export...
Connections.

The Swing Sifter Scalper, Grader and Bolter

**GET
READY
FOR**



**SPRING
HOUSE-
CLEANING**

OUR
SWING SIFTER, ROLLS, PURIFIERS, DIFFERENTIAL REELS,
BRAN DUSTERS, DUST COLLECTORS, ETC., ETC., ARE

GREAT RENOVATORS.

SEND FOR NEW CATALOGUE.

Nordyke & Marmon Co.,

Flouring Mill Engineers,
Iron Founders and Machinists.

Indianapolis, Ind.

REVIEW OF THE GRAIN MARKET

St. Louis, March 31.—The range of grain values at the markets below mentioned for the week beginning March 24, and ending March 31, inclusive, was at the close on dates mentioned:

	March 24.	March 31.
St. Louis, May wheat.....	75½	77½-¾
St. Louis, May corn.....	83½	84½
St. Louis, May oats.....	27½	28B
Chicago, May wheat.....	70½	71½-¾
Chicago, May corn.....	85½	86
Chicago, May oats.....	26½	26¾-¾
New York, May wheat.....	75½	78
New York, May corn.....	40½	40½
New York, May oats.....		
Kan. City, No. 2 hd wh.....	64½	67-68
Kan. City, No. 2 hd red.....	76	75
Kan. City, No. 2 corn.....	84	82½
Kan. City, No. 2 oats.....	80	28
Bran.....	60	61
Rye.....	52½	54

The warning given in the last review of the wheat situation has been fully justified by the gyrations of the market this week. The price-making factors were furnished by the Southwest; the forces were slow in gathering, but the onslaught was so overwhelming, as to evidence concerning damage, that traders, no matter of what predilection, wanted wheat and wanted it so badly that the price was shoved up. When the countryman takes hold of a cereal he does not do things by halves, but goes at his business on the wholesale plan, sweeping the so-called professional to one side like so much chaff. The people who bought wheat were not confined to the investors, but to a contingent that does not like to buy wheat under any circumstances, and have one fixed idea; that is, "she's a sale." This class bought liberally and they can buy faster than anybody when once started, and not because they feel that way, but because they want to get in out of the wet. The crop damage stories gained very few hearers last week. St. Louis and Kansas City traders had advices, but refused to take any stock

in them, and, although admitting that some harm had been done, yet the general opinion was that the increased acreage would wholly offset the injury. In this proposition at first glance it was a reasonable one, but held good for a short time only. When the countryman who sent the crop report accompanied with a buying order, then the primary markets woke up, and now have an idea that after all there is possibly something in these advices. The crop damage reports and the buying orders came from Kansas, Missouri, Oklahoma, Indiana, Illinois and Michigan. The buyers now have the market in control, and the only breaks that have occurred during the week are merely realizations of profits. The news outside of the crop reports are not really in favor of higher prices. Argentine is sending 2,500,000 bushels to importing Europe this week; Liverpool has failed to come to the front and cable more than fractional gains, and besides, the exporters are slow and report business very poor. Receipts are light at all points, and stocks will show a decrease. Clearances are not up to the usual standard, but all these circumstances are overlooked because the buyer has the reins and is now driving the market to suit himself.

Corn is a sluggish customer and refuses to participate in the excellent activity now pervading the wheat pits of the country, but at the same time is giving indications that something is liable to happen. The interest in the corn deal has been at a low ebb, but with the upheaval in wheat there is no telling but what the lightning will strike the corn trader, who has been living in hopes all winter. There is certainly a lot of circumstances surrounding corn that could be used to advantage in assisting prices to a higher level. For instance, the receipts are very light and bid fair to continue so because the feeders of cattle in the West are so badly disappointed over the backwardness of the spring season that many of them are still liberal

buyers of corn in the interior. Gentle spring has not put in an appearance in the corn states, and is evidently snowbound in some quarter or other. As a result of this peculiar season of the year there is no pasturage in sight and none possible for at least a month or six weeks, and in the meantime cattle have to be fed, and the most available article for that purpose is corn, so that the consumption is going to be much larger for 1898-1899 than anyone dreamed of. Besides this, the foreigners are still after corn and taking some every day. Then, coupled with the lateness of the spring comes the consideration of the planting, which will be also very late, and that in the past, as evidenced by the records, is not conducive to glowing prospects for the new crop. Taking everything into consideration, corn looks pretty cheap, and as mentioned above is liable to "get a move on" most any time.

Traders in oats are experiencing an awakening and taking more than an ordinary amount of interest in present price changes. The strength and tenacity of holders of wheat has encouraged investment in the coarser grains, and oats begin to feel the impulse at last in an advance of nearly a cent in bushel, not in futures alone, but in the cash end as well. The improvement is due to surrounding influences of corn and wheat and the fact that the spring is so unseasonably backward that very little sowing of the new crop has been indulged in, and as there is not much prospect of a let-up in the unsettled condition of affairs, so far as the weather is concerned, there is every likelihood that the acreage will be cut down to much less proportions than a year ago. As a result of these conditions, farmers are really in no hurry to market what surplus they may happen to have on hand. Practically nothing in the way of seeding has been accomplished. It is not in the province of the writer to hazard personal opinions, but at the same time oats look so very much cheaper than other articles that chances for

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LEADING MILLS OF TENNESSEE AND KENTUCKY

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MODEL MILL CO.
NASHVILLE, TENN., U.S.A. MANUFACTURERS OF
PURE WINTER WHEAT FLOUR
FOR EXPORT AND DOMESTIC TRADE.

CORRESPONDENCE INVITED.



Capacity, 600 Bbls. Daily.
SHELBY MILLS,
Flour, Corn Meal and Feedstuffs,
G. T. MAYS CO.,
MEMPHIS, TENN.

E. P. BRONSON, Vice-Prest. & Gen'l Mgr.

CAPITAL \$400,000.

W. T. CARTWRIGHT, Sec'y & Treas.

CUMBERLAND MILLS,
NASHVILLE, TENN.
High Grade Winter Wheat Flour.

Highest Prices paid for
Wheat and Corn.

DAILY CAPACITY, { FLOUR, 2500 BARRELS.
MEAL, GRITS, ETC., 4000 BUSHELS.

Also Bolted and Unbolted Corn
Meal, Pearl Meal, Grits, Etc.
Correspondence solicited. . . .

DAILY CAPACITY 2000 BARRELS.

EXPORT BRANDS
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NASHVILLE, TENN.
PREMIER MILL OF AMERICA

AGENTS.
ROSS, T. SMYTH AND CO.
FOR LIVERPOOL
& LONDON

FLOUR MADE FROM THE CELEBRATED
TENNESSEE WINTER WHEAT.

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Capacity, 1,000 Bbls. Daily.
The Mississippi Mills AND **The Georgia Mills,**
High Grade Winter Wheat Flour. The Best Corn Plant in the South.
CANNON & YATES, Proprietors,
MEMPHIS, TENN.

CORRESPONDENCE SOLICITED—DOMESTIC OR FOREIGN.

Cheap Water Power

IN SEATTLE AND TACOMA
ON PUGET SOUND.

Address, Snoqualmie Falls Power Co.,

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IF YOU WANT
FLOUR OR FEED
WRITE TO

LEXINGTON ROLLER MILLS CO.,
LEXINGTON, KY., U. S. A.

CAPACITY, 600 BBLs.

FOREIGN AND DOMESTIC CORRESPONDENCE SOLICITED.

Our patent is stand-
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Our feed is the leader
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MILES & SON, Pure Winter Wheat Flour.
FRANKFORT, KY., U. S. A.

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Mixed Feed in 100-lb. Sacks.

Riverside and Robinson Codes used.

Member of the Winter Wheat Millers' League.

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Company**

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REGULAR SAILINGS
FROM

MOBILE, ALA.,

TO

CUBAN
PORTS.

FLORIDA COAST
POINTS.

G. S. TAYLOR,
Gen'l Frt. & Pass. Agt.

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MOBILE, ALABAMA.

KEEP THE LARGEST STOCK.
DO THE BEST WORK.

Cotton, Jute and Paper Bags,



Try Our Towel Sack.

RECEIPTS AND SHIPMENTS OF WHEAT AND FLOUR BEGINNING SATURDAY, MARCH 25, ENDING FRIDAY, MARCH 31, INCLUSIVE.

FLOUR.					WHEAT.				
	RECEIPTS.		SHIPMENTS.			RECEIPTS.		SHIPMENTS.	
	This Week.	Last Week.	This Week.	Last Week.		This Week.	Last Week.	This Week.	Last Week.
St. Louis	27,360	84,255	89,821	47,494	St. Louis	50,682	65,674	170,360	108,470
Chicago	120,800	98,838	129,900	122,541	Chicago	280,700	270,100	177,900	247,576
Toledo					Toledo	23,266	56,418	54,500	182,500
Detroit	4,500	2,500	2,000	2,800	Detroit	26,908	48,797	7,236	12,364
Kansas City					Kansas City	156,800	151,900	98,700	286,900
Milwaukee	17,400	19,900	79,701	51,293	Milwaukee	185,800	109,200	30,900	20,010
Minneapolis			224,361	256,289	Minneapolis	1,512,440	1,170,760	177,100	828,080
Duluth					Duluth	686,944	844,591	18,104	18,708
New York	110,069	122,782	46,563	62,058	New York	200,800	342,400	643,540	593,366
Baltimore	104,091	77,529	52,966	53,080	Baltimore	83,269	44,549	79,763	24,000
Philadelphia	29,936	58,596		6,067	Philadelphia	7,979	17,823	118,375	22,969
Boston	19,938	20,719	10,071	43,446	Boston	111,469	249,940	187,610	800,821
San Francisco	28,000	40,000	81,000	18,000					
Total	468,564	474,857	518,184	663,058	TOTAL	3,075,659	3,866,641	1,668,977	2,102,194

profits in investment buying of oats look reasonable like a safe proposition.

There is nothing of paramount importance to be said in reference to the market for rye. Offerings are so small that the trading is limited to small proportions, which naturally is a bar to any kind of business, either speculative or cash. There is a very small amount of rye arriving at any of the Western primary markets. There is, of course, a better tone to the market and an upward tendency, but the advance has not been radical.

Flaxseed markets all higher in sympathy with other grains and, of course, to a certain extent on its own account, having a great surplus of intrinsic value, owing to the light receipts and the opening of the spring season, which is delayed for awhile on account of weather, bringing promise of an immense business for the oil mills, which are now the best buyers of car lots. Receipts are not large, and predictions of another 5-cent advance in futures, as well as in cash, are freely made.

JOSEPH B. BRACKEN.

American Visible Supply.

The visible supply of grain in the United States and Canada, on the dates named, as reported by the Chicago Board of Trade, follows:

Bus—	Mar. 27	Mar. 20	Mar. 18	Mar. 14 '98
Wheat	80,067	29,992	29,799	80,061
Corn	33,237	33,466	84,083	43,382
Oats	11,229	11,074	10,613	11,636
Rye	1,428	1,503	1,528	3,245
Barley	2,261	2,546	2,605	1,517
Increase of wheat, 75,000 bus.				

Available Supplies.

Available flour and grain supplies being the aggregate of the amount visible and that afloat, are

	Bushels.
Flour and wheat	67,587,000
A year ago	68,701,000
Corn	45,866,000
A year ago	56,902,000
Wheat and flour increase	849,000
Decrease a year ago	1,036,000
Corn, decreased	1,228,000
Increase a year ago	154,000

On Ocean Passage.

The amount of flour and wheat on ocean passage increased 980,000 last week:

	Bushels.
On passage now	37,520,000
On passage a year ago	38,640,000

The amount of corn on passage decreased 1,040,000.

	Bushels.
On passage now	12,640,000
On passage a year ago	13,520,000

Shipments of Flour and Wheat to Europe

Shipments of flour and wheat to Europe last week amounted to 6,443,000 bushels. The countries from which exports were made and the amount from each was as follows:

	Bushels.
United States and Canada	3,747,000
Russia	864,000
Danubian ports	
India	288,000
Argentine Republic	1,208,000
Australia	336,000
Total	6,443,000
Total a year ago	8,768,000

THE RUSSIA WHEAT POSITION.

The position which Russia is occupying among wheat exporters this season is a most singular one, and is becoming increasingly so now that time is passing over and no material change is showing itself in the attitude which the wheat holder has adopted. When some months ago it was found that the amount of wheat offering for shipment from Russian ports had commenced to fall off and exports drop behind the record of the year previous, it was attributed more to the known fact of the crop movement being impeded from various causes than to any specific policy on the part of the peasants or the holders of wheat, the evidence at that time being practically nil on the latter point, against a very reasonable ground for belief in the former; and throughout the autumn, when the actual movement remedied itself and stocks at the ports commenced to accumulate, it was impossible to suppose the smaller shipment was due to anything more than a temporary reserve pending an improvement in prices in consuming markets.

Even later than this, when the stocks collected were reaching heavy proportions and, with the mildness of the winter being experienced, constantly remained available for immediate shipment, it could not be otherwise considered than that the position of reserve adopted might be changed practically at any moment; and up to the present time, with evidence pointing to actually larger crops than origi-

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STAVES, HEADINGS, HOOPS AND COOPERAGE SUPPLIES.

107-109 S. Sixteenth Street, ST. LOUIS, MO.

SHAVED HOOPS A SPECIALTY.

THE SAYLOR BARREL HEATER IS THE BEST.

LEADING MILLS OF OHIO

The **SHELBY** **MILL CO.,**

Shelby, Ohio, U. S. A.

Member of the Winter Wheat Millers' League.

Has for 20 Years Made the
Best Flour Manufactured in Ohio
And is still at it.

1000 Barrels Daily.

The Orrville Milling Co.,

MANUFACTURERS
OF ..

Capacity 800 Bbls.

**WINTER
WHEAT
FLOUR, . . .**
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MILL COGS.

Rock Maple Cogs on shortest possible notice. We make Cogs with blank head to be spaced and dressed after being driven, but make a Specialty of Ready Dressed Cogs, which are ready to run moment driven and keyed. Send for Circular M.

THE N. P. BOWSER CO.,
SOUTH BEND, IND.

THE NORTHWESTERN ELEVATOR & MILL CO.,

Manufacturers and
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**STRICTLY PURE
Winter Wheat Flour**

Capacity, 1500 Bbls. Daily.
Gen. Office: 45 Produce Exchange.

TOLEDO, O.Mills at Toledo, Loudonville,
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THE TOLEDO PLANT.

HAVE YOUR FLOUR TESTED

AT THE

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DES MOINES,

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Comparative Baking Tests and
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MUTUAL FIRE
INSURANCE CO.,

INDIANAPOLIS, IND.

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280 BOARD OF TRADE, KANSAS CITY, MO.

... FORMERLY ...

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Insures only Flour Mills and Contents.

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INSURES ONLY Flouring Mills, Grain Elevators, Warehouses. . . .

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MUTUAL
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LANSING, MICH.

Net Cash Assets - - - - \$205,475.19

18 Years in Business.

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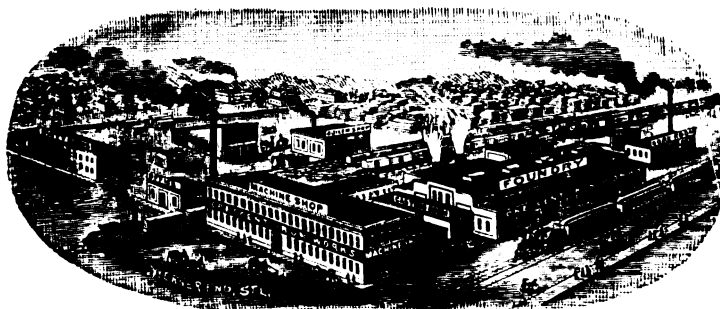
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THE oldest Flour Mill Mutual in the
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DES MOINES, IOWA

CRESCENT IRON WORKS, ... SPRINGFIELD, MO.



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THE EDW. P. ALLIS CO.,
UNIVERSAL BOLTER, ROLLS, Etc.

SATISFACTION GUARANTEED,
Roll Grinding and Corrugating a Specialty

nally supposed, it is still a very open question whether a period of copious offers of the accumulated wheat may not at any time reveal itself.

The fact, indeed, that so much wheat has accumulated at the Russian ports, and remained unmoved for so unusually lengthy a period, is considered by some as a menace to wheat values of far greater moment than what may be expected from the Argentine, however big the crop in that country may turn out to be, for, with the extraordinarily big crop now officially given as secured in Russia, reaching the record total of nearly 50,000,000 quarters, any pressure to sell would indicate a possibly indefinite stream of supplies settling down on the markets. But as the time passes on, and the anticipated relaxation does not come about, and, more particularly, when other conditions, which a time back might have encouraged a holding policy on the part of the Russian holder—such as extent of the crop in the Argentine—have eventuated distinctly against the prospect of the stockholder, it becomes a more singular problem as to the real cause underlying the reserved position adopted, and still so remarkably sustained.

The conclusion which might reasonably have been come to earlier on as to the temporary nature of the movement, and the practical certainty of a change in the movement somewhere in the near future, are no longer so easily tenable, for at the present time a good half of the season has now been experienced, and it is fairly obvious the conditions which have induced a movement extending well over the principal half of the season cannot be regarded as still likely to be temporary in nature. The singularity of this position can be well seen when it is remembered that though the total production last year is officially given as about 50,000,000 quarters, a rough increase of 13,000,000 quarters upon last year, and considerably in excess of both 1896 and 1895, the exports from it have so far reached scarcely over one-half of what was shipped during a corresponding period a year ago, the quantity, according to a St. Petersburg authority, being 5,000,000 quarters, against 9,000,000 quarters the previous year, and 7,800,000 quarters in 1896-1897. This export consequently is not only remarkably small compared with its predecessor of a year ago, but is astoundingly so in comparison to the extent of the crop, the fact being obvious that whereas, in the one case (1897-98) over 25 per cent of the whole crop had been exported by the end of February, in the present only about 10 per cent of the year's production had been so shipped.

Antwerp Grain and Feedstuffs Agent.

THEODOR VON WERNICH,

GRAIN and
FEEDSTUFFS,

C. I. F. Business Only. ANTWERP.

East Bound Freight Rates.

Freight rates quoted to-day on flour per 100 pounds from East St. Louis and common points to points named (alongside of vessel at ports named), in car load of not less than 24,000 pounds, are:

To	All Rail.
Boston	25
Boston—export	28
New York	23
Philadelphia	21
Reading	21
Harrisburg	20
Wilkesbarre	21
Lancaster	21
Mauch Chunk	21
Scranton	21
Buffalo	15½
Baltimore	20
Albany	22
Troy	22
Schenectady	22
Utica	21
Hornellville	19
Newport News	20
Syracuse	19½
Rochester	17½
Detroit	11
Pittsburg	15½
Salamanca	15½
Providence	25
Binghamton	21
Cleveland	18

Ocean Freight Rates.

Below are quoted Ocean freight rates in cents, per 100 pounds, for this week, on flour to and from the ports mentioned:

To	From	In Cents per 100 lbs.
Aberdeen	Baltimore	19.69
Aberdeen	New York	19.69
Amsterdam	New York	13.
Antwerp	New York	14.06
Belfast	Baltimore	12.09
Bristol	New York	14.06
Bremen	New York	15.
Bremen	Baltimore	16.
Cork	Baltimore	20.81
Christiana	New York	21.
Copenhagen	New York	18.28
Dublin	Baltimore	12.09
Dundee	Baltimore	19.69
Dundee	New York	15.47
Genoa	New York	16.88
Glasgow	New York	9.
Hamburg	New York	14.
Hamburg	Baltimore	14.
Havre	New York	17.
Hull	New York	14.06
Leith	Baltimore	14.06
Leith	New York	12.66
Liverpool	Boston	6.75
Liverpool	New York	5.62
London	New York	11.25
London	Boston	11.25
London	Philadelphia	11.25
London	Baltimore	12.66
Manchester	New York	11.25
Newcastle	New York	14.06
Rotterdam	New York	15.
Stettin	New York	18.28

When Ocean freight is prepaid, \$4.86 United States gold is equal to £1.

SOUTHEASTERN FREIGHT TARIFF.

The appended tabular statement gives the freight rates on flour, grain, mill feed and hay, from St. Louis, East St. Louis and Belleville, Ill., to Southeastern points named. Class F gives the rate per barrel on flour and corn meal in barrels. Flour in sacks takes a slightly higher rate. Class D gives the rate on grain, mill feed and hay:

To	Cents per 100 lbs.	
	D.	F.
Akron, Ala. (for C. S. & M. Stations)	25	54
Alabama City, Ala.	27	56
Albany, Ga.	35	79
Aldrich, Ala.	34	75
Americus, Ga.	33	70
Anniston, Ala.	27	56
Athens, Ga.	31	66
Atlanta, Ga.	29	62
Attala, Ala.	27	56
Augusta, Ga. (Prop'r)	31	66
Barclays, Ala.	27	56
Beaufort, S. C.	28	60
Bessemer, Ala.	25	54
Birmingham, Ala.		
Blount, Ala.		
Blount Junction, Alabama		
Brierfield, Ala.	35	73
Bristol, Tenn.		
Brunswick, Ga.	28	60
Calera, Ala.	32	74
Caryville, Fla., (for Choc. River Landings)	36	76
Cedartown, Ga.	33	72
Charleston, S. C.	28	60
Chattanooga, Tenn.	24	52
Clarksville, Tenn., (store door)	18	40
Columbiana, Ala.	35	66
Columbus, Ga., (Prop'r)	31	66
Columbus, Ga., (for S. W.)	31	62
Dalton, Ga.	29	58
Decatur, Ala.	23	62
Demopolis, Ala.	29	60
Dukes, Ala.	33	70
Edward's Furn., Ala.	35	54
Elberton, Ga.	35	74
Ensley, Ala.	35	54
Eufaula, Ala., (Prop'r)	31	66
Eufaula, Ala., (for S. W.)	31	62
Fernandina, Fla.	28	60
Florence, Ala.	22	52
Fort Gaines, Ga.	24	72
Gadsden, Ala.	27	56
Gainesville, Fla., (Prop'r)	48	30
Gate City, Ala.	25	54
Gurnee, Ala.	33	72
Huntsville, Ala.	22	52
Ironaton, Ala.	27	55
Jacksonville, Fla.	28	60
Jenifer, Ala.	37	56
Jesup, Ga.	35½	70
Knoxville, Tenn.	27	56
Lake City, Fla.	28	60
(G. S. & F. So. of Lake City.)		
Lake City, Fla., (Prop'r)	41	86
Live Oak, Fla., (Prop'r)	41	88
Live Oak, Fla., (F. C. & P. & So. Fla. Rr.)	26	60
Macon, Ga.	31	66
Milledgeville, Ga.	33	70
Montevallo, Ala.	33	68
Montgomery, Ala.	25	54
Morrison, Tenn.	33	81
Munford, Ala.	27	56
Nashville, Tenn.	15	34
New Branford, Fla., (Suw. River L'd'gs)	34	72
New Decatur, Ala.	23	52
No. Birmingham, Ala.	25	54
Opelika, Ala.	31	66
Oxanna, Ala.	27	58
Oxford, Ala.		
Oxmoor, Ala.	35	54
Palatka, Fla.	34	72
Pell City, Ala., (for B. & A.)	27	56
Pensacola, Fla.	28	51
Port Royal, S. C.	28	60
River Junction, Fla.	37	76
Rome, Ga.	37	58
Ruffner, Ala.	35	54
Savannah, Ga.	28	60
Selma, Ala.	33	64
Seefield, Ala.	32	53
Shelby, Ala.	33	70
South Calera, Ala.	33	74
Sylacauga, Ala.	30	64
Talladega, Ala.	37	36
Thomas, Ala.	35	54
Trussville, Ala.	27	58
Tuscumbia, Ala.	22	58
Washington, Ga.	35	74
Waycross, Ga.	35½	74
W. Nashville, Tenn.	15	34
West Point, Ga.	30	58
Watumpka, Ala.	30	64
Woodlawn, Ala.	25	
Woodstock, Ala.		
Woodward, Ala.		

Rates on hominy and grits, in barrels, 4 cents less than Class F.

THE MODERN CODE

contains more phrases and
is better adapted to the
use of the trade for

MILLERS AND FLOUR BUYERS

than any other Code ever
printed. Let us send you
one for examination.

The MODERN MILLER,
THIRD AND CHESTNUT STREETS.
ST. LOUIS.

For Sale, Wanted, Etc.

Advertisements for situations wanted under the
above head, 50 cents per time, space not to exceed
one inch.

All other advertisements under this head \$: 00
per inch or fraction, each insertion.

Mill Site For Sale.

Our Mill having recently burned, we offer
for sale the site. Good water for steam pur-
poses; good town of 1,200 inhabitants; good
wheat country. A first-class place for mill.
Twelve to 14 miles to nearest mill.

Don't write unless you can pay a fair price
for good location. Reason for selling, other
business.

MILLER & EWING,

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THE CALIFORNIA LIMITED

Via Santa Fe Route, is the best
and speediest train to California.
St. Louis to Los Angeles in 68
hours, three times a week.
Pullmans, dining-car, buffet smok-
ing-car with barber shop, and ob-
servation car with spacious parlor
for ladies and children, vestibuled
and electric lighted.

Close Connection made at Kansas
City by all lines leaving St. Louis
Mondays, Wednesdays and Satur-
days.

J. W. TEDFORD,
Gen'l Agent Santa Fe Route,
108 N. 4th Street, St. Louis, Mo.

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Chicago & Alton R.R.

ONLY STONE BALLASTED TRACK.

SOLID VESTIBULED TRAINS

BETWEEN

ST. LOUIS AND CHICAGO,

ST. LOUIS AND KANSAS CITY,

KANSAS CITY AND CHICAGO.

Palace Reclining Chair Cars Free,
Pullman Compartment Sleepers.

Ask your own Home Ticket Agent for tickets
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JAMES CHARLTON,

General Passenger and Ticket Agt.,
CHICAGO, ILL.

D. BOWES,

General Western Passenger Agt.,
216 N. Broadway, ST. LOUIS, MO.

Knickerbocker Special,

Famous Noon Train

From St. Louis...

VIA

Big Four Route .. AND

NEW YORK CENTRAL R'Y.

CAFE, LIBRARY, SLEEPERS,

DINING CARS

ALL
EASTERN
CITIES.

W. P. DEPPE, A. G. P. A.,

ST. LOUIS, Mo.



VIA THE IRON MOUNTAIN ROUTE

A New and Palatial Vestibuled Train, without an equal,
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Leaves St. Louis every Tuesday and Saturday,
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EQUIPMENT CONSISTS OF
COMPOSITE CAR—Containing Reading, Writing and
Smoking Room, Buffet, Barber Shop and Bath
Room.

COMPARTMENT CAR—Containing Seven Private
Compartments and Double Drawing-Rooms.

SLEEPING CARS—Containing Twelve Sections
State Rooms and Drawing-Rooms.

DINING CAR—In which all Meals are served A LA
CARTE.

Heated with Steam. Lighted with Pinstock Gas.

A SUMMER ROUTE FOR WINTER TRAVEL.

NO HIGH ALTITUDES. NO SNOW BLOCKADES.

ONLY THREE DAYS TO OR FROM CALIFORNIA.

Entire train runs through without change.

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E. C. TOWSEND, Gen'l Passenger and Ticket Agent,
ST. LOUIS, MO.

CRESCENT HOTEL

Eureka Springs, Ark.

Opens March 1st. In heart of Ozark
Mountains. Climate mild and bracing.
Scenery wild and beautiful.
Unequaled medicinal waters. Ex-
cursion rates. Through sleepers
from St. Louis. Call at room H,
"Arcade," Century Building, or
Frisco Line Ticket Office, 101 N.
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BEST LINE BETWEEN

ST. LOUIS, LOUISVILLE, CINCINNATI,
COLUMBUS, WHEELING, PITTSBURG,
WASHINGTON, BALTIMORE, PHILA-
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TRAINS VESTIBULED THROUGHOUT.

LIGHTED BY PINTBON GAS.

"ROYAL BLUE SERVICE."

Elegant and Comfortable Day Coaches. Lux-
urious New Pullman Sleeping Cars. Company's
Own Dining Cars.

O. P. McCARTY, GEO. B. WARFEL,
Gen'l Pass'r Agent, Ass't Gen'l Pass'r Ag't,
CINCINNATI, O. ST. LOUIS, MO.

Grain Growing Is Increasing

along the Southern Railway
in the Southern States. South-
ern farmers are now diversi-
fying crops more largely than
ever before, and the South
sees the profit of raising its own
Grain and making its own Flour.
There is thus a good field for
FLOURING MILLS

in the Southern States. More
mills are needed.

Desirable Locations

for new mills can be found along the South-
ern Railway.

There are also the best locations for
Textile, Wood Working, Iron and Steel and
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eight States it traverses.

Locations for Home-seekers in Fertile
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Send for information about the South.

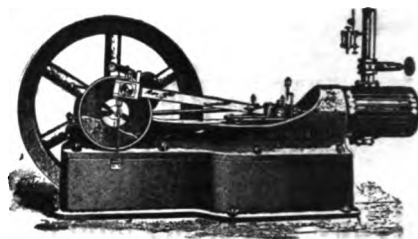
M. V. RICHARDS,
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WASHINGTON, D. C.

**AUTOMATIC
ENGINES.**

ABSOLUTELY
THE BEST
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ECONOMY.

BOILERS AND CLAY MACHINERY.

**THE FROST MFG. CO.,
GALESBURG, ILLS.**



PATENT SABLE

IS THE BEST BELTING

—MADE—

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LEATHER PULLEY COVERING **RAWHIDE BELT.**

SHULTZ BELTING COMPANY, ST. LOUIS, MO.

Agents in All Principal
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Originators of the Cel-
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Marine Insurance

(Copyrighted) Covering
Shipments of Flour
Against "All Risks."

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Exceptional Facilities for
the Prompt Insuring of
Flour or other Merchan-
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Correspondence Solicited . .

Now used by the Leading Millers of the Country and Endorsed by the European Receivers of Flour.

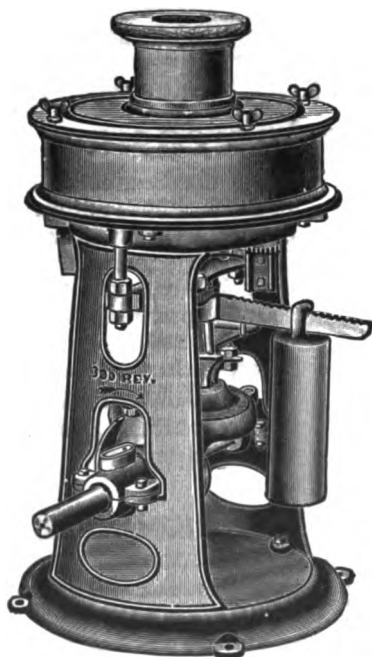
WATER WHEELS.

Many Sizes and Styles—Upright and Horizontal. Adapted to Milling and all power purposes. Easy working balancegates. We guarantee most power with smallest quantity of water, at both full and part gates.

ENGINES AND BOILERS—UPRIGHT AND HORIZONTAL.

Write for pamphlet of either, stating your wants.

JAMES LEFFEL & CO., Springfield, Ohio, U. S. A.



✿ IT is an easy matter to see where you get better results after you put in the Scroll and use them alternately with rolls, but what you can't understand is how you managed to get along at all without the Scroll. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ You won't be caught trying to make a good flour and close finish without the Scroll after you have seen its work. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

... MADE BY ...

THE KNICKERBOCKER CO.,

JACKSON, MICHIGAN.

JOS. WAGNER MFG. CO., San Francisco, Cal., Agents for the Pacific Coast.

TEXAS MILLERS' MEETING.

DALLAS, TEX., April 4.—(Special.)—The Texas Millers' Association assembled in the T. P. A. parlors at the Oriental Hotel here to-day to complete the State organization inaugurated some months since.

In the absence of Capt. Harry Landa, president, the meeting was called to order by J. M. Rayzor, second vice-president, and in the absence of Glen Walker, secretary, L. B. Kohnle was elected secretary pro tem, after which the meeting opened by the reading of the minutes of the last meeting, which were unanimously approved and adopted.

Next in order was the reading of the committee's report on constitution and by-laws. These were read by the secretary by chapters and sections and discussed pro and con, in which everybody took an active interest, and with but few amendments they were unanimously adopted as a whole; after which the question of Mr. Augustine Gallagher's application for membership in behalf of the Modern Miller was discussed. This led to a motion by Mr. Stinnett, seconded by Mr. Weiser, to extend the right hand of fellowship to Mr. Gallagher and the Modern Miller as honorary members, which carried by a roaring big "aye" that shook the chandeliers.

Next in order was the executive committee's report on weights of flour and meal, as to whole, half, quarter and eighth-barrel packages, which came in for its full share of consideration, in which the following members gave their personal and practical experience of the evil of short weights competition and offered some good wholesome suggestions: Messrs. J. C. Whaley, A. D. Miller, W. H. Marshall, E. R. Guenther, G. H. Stinnett, J. N. Rayzor, M. L. Kaufman and Judge E. R. Huff, who recommended that the original measure on short weights be immediately presented by the executive committee to the Texas House of Representatives and Senate. This brought forth very decided opinions and re-

(Continued on page 5.)



JOSEPH CHARLES PILLMAN, FOUNDER OF THE FIRM OF PILLMAN & PHILLIPS.

MR. JOSEPH CHARLES PILLMAN, whose likeness appears above, is the founder of the firm of Pillman & Phillips, whose business now covers the principal ports and markets of England and Ireland, and is devoted to the development of the American flour trade.

An experience of over 25 years in the grain and flour business of the United Kingdom has given Mr. Pillman an intimate and inside knowledge of the course of business in the American trade.

Mr. Percy Phillips, one of the resident partners in London, joined Mr. Pillman in 1885, and in 1891 Mr. Louis Phillips, the resident partner in Liverpool, joined the firm, starting the present Bristol branch. The Irish business is under the management of Mr. Briscoe, and the Bristol business is in charge of Mr. Farmer, who has been with the firm from its commencement in 1885.

This firm may be said to have grown with the development of the American flour trade, and its relations with the American millers have been of a most cordial character, many of its agencies dating back fourteen years.

The firm's business embraces both spring and winter wheat flours, the percentages of each depending upon the different markets, which vary considerably.

The firm is the sole agent of the Consolidated Milling Co., of Minneapolis, whose flours have probably a larger sale in the United Kingdom than has the product of any other American mill.

Manufacturers of Kansas hard wheat flours desirous of appointing sole agents would find this firm capable in every way of giving them satisfaction in the disposal of their products.

IT'S LIKE THIS

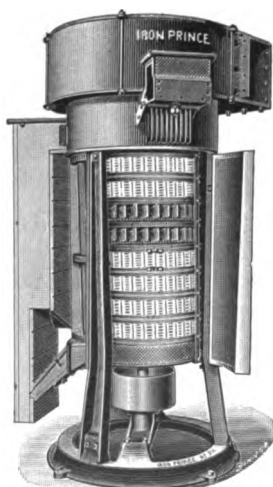
You're making flour. Every barrel you make costs so much. A half cent or a cent profit on each barrel means a goodly sum in the course of a year. If a Beall Wheat Steamer will enable you to make that half cent or cent on each barrel why should you delay ordering one? It makes the bran so broad the flour is easily separated from it, and is free from specks.

Please think this over.

THE BEALL IMPROVEMENTS CO.,
Decatur, Illinois.

An Up-to-Date Scourer for

Up-to-Date Millers!



**The Iron Prince
Scourer.**

HARVEY COUNTY ROLLER MILLS,
JOHN DICK, Proprietor.

NEWTON, KANS., Nov. 1st, 1898.

PRINZ & RAU MFG. CO., Milwaukee, Wis.

GENTLEMEN: We have now been running your Iron Prince Smutters and Perfection Dust Collectors for several months.

We find that the Iron Prince does all you claim for it, and scours our wheat to perfection; it does not break the wheat or abrade the bran in any way, but thoroughly scours the end of the grain, removing all the fuzz on the end of same.

The Perfection Dust Collector well deserves the name of Perfection, as it is the nearest perfection of any machine we have ever seen; it gives us no trouble and runs just like clock work.

You can refer any one to us and we will always say a good word for your machines. Wishing you success as you deserve, I remain,

Yours very truly,

JOHN DICK.

THE PRINZ & RAU MFG. CO.,

MILWAUKEE, WISCONSIN.

The Modern Miller.

Cable Address, A Weekly Newspaper.
"EDITOR," ST. LOUIS. Vol. 24. No. 45.

PUBLISHED BY THE MODERN MILLER CO.

N. E. Cor. Third and Chestnut Sts.,

ST. LOUIS, MO.

AUGUSTINE GALLAGHER.....Editor.
EDWIN L. GATES.....News Editor.
PARKER H. LITCHFIELD.....Business Manager.
C. F. HALL.....Special Representative

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TERMS OF SUBSCRIPTION.

(Invariably in Advance.)

United States, Canada and Mexico\$2.00
Foreign Countries in Postal Union..... 3.00

Entered at the Post-Office, at St. Louis, Mo., as
second-class matter in May, 1896.

ANNOUNCEMENT.

TO THE FLOUR MILLERS AND FLOUR DEALERS OF THE UNITED STATES:

On account of the receipt of numerous letters from millers and others who believe me to still be in charge of the enforcement of the Pure Flour Law (Act of June 13, 1898), I take this means of informing the trade that my commission was resigned several weeks ago. I had several reasons for taking the step, first of which was that flour adulteration in the United States had ceased. I felt that a vigorous enforcement of the law could be safely expected from the agents I had trained to the best of my ability. Moreover, my publishing interests—the Modern Miller—have expanded to such an extent during recent months that my time and attention were demanded in this office. Thus, feeling that I had devoted a year and a half of the best efforts I am capable of putting forth, for the welfare of the breadstuff industry, and believing that my services could very well be dispensed with by the Internal Revenue Department, I informed the Honor-

able Commissioner in February that my resignation was at his disposal. A month later I requested its acceptance, which was done March 31. In this connection I wish to voice my appreciation of the loyal support I have had from millers, individuals and organizations, and to thank my friends for many acts of kindness to me personally as well as in the capacity of a government official. I do not wish to hold office, wherefore, I have chosen the course stated. My object is to make the Modern Miller universally useful and at the same time make it pay. Respectfully,

AUGUSTINE GALLAGHER.

The Modern Miller is in receipt of the following communication from a miller, who has just made an extended trip in the southern states:

As you are doing some good work for millers, how does it strike you to take up and push this short weight meal business? I have weighed meal in barrels on this trip that, barrel and all, weighed 197 pounds. They put up so-called 190 pound meal in barrels and the mills say they sell it for 190 pounds. The barrel weighs 18 to 21 pounds. Now comes the consumer and buys a barrel of meal. How much meal does he get? This meal cuts us as well as dozens of others, out of sales, and anyone knows it is sold for a barrel of meal. This is a serious matter for all mills that manufacture corn goods, and the milling journals should show it up. Decent competition is always welcome, but this kind should be off the earth. In some cases jobbers ask for short weight meal and buy it cheaper. But how do they sell it? For a barrel of meal, of course.

This practice is a species of trade thievery that ought to be stopped, and if there is any way by which this can be accomplished, every honest miller owes it to himself and the trade to help to do it. In fact dishonest millers are under the same obligation, and if they would all pull together to that end there would be no more complaints. Unfortunately, however, practices of this kind continue to make honest competition difficult, and if nothing more can be done, a stamp of vigorous disapproval should be put on them by the trade, and every effort made to educate the consumer to the point of refusing short weight flour or meal.

LOCAL WHEAT CULTURE.

BY L. B. KOHNLE.

Read before the Texas Millers' Association, at Dallas, April 4.

Prior to the departure of your proficient secretary and treasurer, Mr. Walker, on his foreign trip, he deputized me to act as his assistant during his absence. And at which time he charged me in particular to leave nothing undone toward lending a helping hand to your worthy president in his unrelenting efforts to advance the interests of his fellow co-workers and brother millers of the Lone Star State. With this object paramount in my soul, I ventured, after a careful inventory of conditions, to suggest to your worthy president the idea of some sort of a programme for this meeting, and along that line included the question of "Local Wheat Culture" and other subjects of no less importance, and for the receipt of which I have his most grateful acknowledgment, saying it was a capital suggestion, and the very next meeting of the executive committee he dosed me on my own prescription. Hence it is that I appear before you in the role of a wheat farmer for the purpose of giving you at least my views and opinions gleaned by experience, observation and information, mostly the latter.

As wheat is the underlying basis of milling, and our Uncle Sam has prescribed what shall constitute flour, this question becomes all the more important to the millers of his domain, and to whom the nations of the earth are looking to-day for their wheat and flour, and in the supply of which the Lone Star State is second to none in point of quality. And I hope soon to see the day when the Texas millers will hold their own in quantity as well, and that instead of export elevators there will be export flour warehouses lining and fortifying Galveston bar and harbor for the purpose of sending Texas flour, made of Texas wheat, to all quarters of the globe. But to do this the Texas millers must commence at home.

First, by encouraging the farmers to local wheat culture of such varieties as are best suited to both the farmers and millers, counseling with each other as to the best methods of seeding and harvesting of same. Along this line I find almost invariably that the first important step is to have the ground in proper condition for seeding. If stubble land, the best results

Peace Hath Her Victories So Hath the Plansifter!



Diploma awarded to the EAGLE MILLS, Edmond, Okla., by the Trans-Mississippi and International Exposition at Omaha, Nebraska, 1898, on SOFT WHEAT PLANSIFTER FLOUR.

LESS POWER. LESS ROOM.
LESS EXPENSE.

L. W. RODKEY.

G. B. FARRAR.

Eagle Mills,

Manufacturers of High Grade Flour,

DEALERS IN ALL KINDS OF FEED.
SHIPPERS OF GRAIN.

EDMOND, OKLAHOMA, March 8th, 1899.
BARNARD & LEAS MFG. CO.,
MOLINE, ILL.

Gentlemen: In answer to yours of the 1st inst. as to our success with the Plansifter we have to say:

We have been running the mill steady for over a year now and we are more than pleased with our results. We are making a much better grade of flour and more of it, out of less wheat, than we were able to do on the reels.

We were awarded two Gold Medals at the Omaha Exposition 1898 on our flour, which is as good a recommendation as we can give. Enclosed we hand you a copy of the Diploma on soft wheat flour.

Very truly yours,
EAGLE MILLS.

Send for catalogues, letters of commendation—we have scores of them.

Besides the Plansifter, we are also manufacturers of

THE BEST { SEPARATOR,
SMUTTER AND SCOURER,
BRUSH SCOURER,
FLOUR PACKER.

Largest and Most Complete Line of MILL MACHINERY in the World.

BARNARD & LEAS MFG. CO.
MOLINE, ILLINOIS.



R. C. STONE, Springfield, Mo., Agent for Missouri, Indian Territory, Arkansas, Texas and Old Mexico.
BARNARD MACHINERY CO., Enterprise, Kans., General Agent for Kansas, Colorado and Oklahoma.
W. B. TALLEY, Nashville, Tenn., General Agent for Kentucky, Tennessee, Georgia and Alabama.
CHARLES E. MANOR, Stanleyton, Va., General Agent for Virginia, Maryland, W. Virginia and N. Carolina.

respondents would be withheld from publication. While the carriers are required to file answers with the commission on or before May 1, it is the purpose of the commission to hold hearings at different points in the West after the first of May, although the date of such hearings and the places have not yet been determined.

Much importance attaches to the proposed investigation, and the contention made in some quarters of an unjust discrimination in rates on flour as compared with the tariffs on grain will no doubt be fully sustained. The investigation is also in line with that suggested by certain millers some time ago, but which was abandoned on account of lack of unanimity on the question in the trade. The discrimination complained of by the millers has become so apparent of late, as shown by the tariffs filed here, that it has attracted the attention of the commission, and it is this condition of affairs that prompts the investigation.

In the notice to carriers named as respondents they are required to state "whether they do charge different rates for the transportation of grain from interior points to ports of export when said grain is for export than when it is for domestic consumption; and, if so, the reasons for such difference.

"Whether the export rates upon grain and grain products have been the same, whether the relation heretofore existing between the two has been maintained on export business, and, if not, the reason why.

"Whether through rates upon grain and the products of grain have been made from interior points to foreign countries through the various ports of export, and whether grain and grain products have been received for such through transportation. If so, state whether such transportation has been conducted under schedules on file in the office of the commission, and published as is required in case of joint tariffs; and if not, the reason why."

Carriers are also required to state for the months of March and April, 1899, what rates they have received or participated in, both domestic and export, for the transportation of grain and grain products from Chicago and Mississippi River crossings to Atlantic ports, and from St. Louis and Kansas City to Gulf ports; specifying also the river crossing, Chicago, St. Louis or Kansas City, the port of export and foreign destination. In case through rates have been made or participated

in from such interior points through the ports named to foreign destination, they are required to state each total through rate and inland division.

Some interesting facts are obtained with reference to the export and import trade of the United States in products of agriculture from the recent report of Mr. Frank H. Hitchcock, Chief of the Section of Foreign Markets of the Agricultural Department. Much has been said of late in regard to the marked increase shown in exports of manufactured products by this country, and it is well to consider the changes that have been effected in the export trade in agricultural products and the reasons therefor, as well as the decrease in certain lines of competing imports of farm products with the reasons assigned for such decrease.

The fiscal year of 1898 was a remarkable one in the history of our foreign trade. While our exports were decidedly the largest ever recorded, our imports were exceptionally small. For every dollar's worth of foreign merchandise brought into this country nearly two dollars' worth of our own commodities found a market in other lands. The value of our domestic exports reached the enormous sum of \$1,210,291,913, exceeding the record-breaking figures in the preceding year by \$178,284,310.

Our 1898 imports, on the other hand, with a value of only \$616,049,645, exhibited a decline of \$148,680,758 from the figures of the year before, and were the smallest since 1885.

As compared with our imports, our domestic exports showed an excess of \$594,242,259, or more than twice the excess for 1897, which was the largest previously reported.

Of the merchandise of domestic origin that was shipped from this country to foreign markets during the fiscal year 1898, 70.93 per cent, measured in value, consisted of the various products of American agriculture. Without exception these were the largest agricultural exports ever sent from the United States, their total value reaching as high as \$858,507,942. The next highest value on record, that for 1892, was exceeded in 1898 by more than \$50,000,000. The increase over the figures reported for 1897 amounted to \$168,752,749, making a gain of nearly 25 per cent.

A large part of the growth that occurred in our agricultural exports during 1898 was due to the increased shipments of American grain occasioned

by foreign deficiencies. The total value of the breadstuffs sent abroad advanced from \$197,219 in 1897 to \$333,897,119 in 1898, an increase of \$136,678,900. In wheat and wheat flour alone there was a gain of nearly \$100,000,000.

Although these enormous gains in value resulted in part from the higher prices that prevailed during 1898, there was at the same time an important increase in the quantities shipped.

During the fiscal year 1898 we shipped to foreign markets 148,231,261 bushels of wheat, or nearly double the quantity exported in 1897, which was recorded at 79,562,020 bushels. With an average annual export price of 98.3 cents per bushel, the shipments of 1898 reached a total value of \$145,684,650, a gain of \$85,764,481 over the year preceding, when the average price was only 75.3 cents per bushel and the total value \$59,920,178. The shipments of 1898, as regards both quantity and value, exceeded all previous records except that for 1892, in which year the wheat exports attained the enormous total of 157,280,351 bushels, with a value of \$161,399,132.

Although our exports of wheat flour did not increase very much in quantity during 1898, the gain in value as a result of the higher prices was quite an important one, amounting to \$13,349,371. During 1898 the export price averaged as high as \$4.51 per barrel, making the total value of the shipments \$69,263,718, as compared with \$55,914,347 for 1897, when the average price per barrel was only \$3.84. In the quantity shipped there was an increase from 14,569,545 barrels to 15,349,943 barrels during the two years mentioned, a gain of 80,398 barrels.

The wheat flour exported in 1897 was equivalent to 65,562,952 bushels of wheat, and that in 1898 to 69,074,744 bushels. Stated in grain, the combined shipments of wheat and wheat flour would therefore amount to 145,124,972 bushels for the former year and to 217,306,005 bushels for the latter. The total value of the exported wheat and wheat flour reached as high as \$214,048,377 in 1898, while in 1897 it was only \$115,834,525.

Next to wheat, the agricultural export showing the largest increase during 1898 was Indian corn. Our shipments of this leading American cereal have grown with remarkable rapidity in the last few years. During 1897 our exports reached as high as 176,

LEADING MILLS OF INDIANA



Blish Milling Co.,

*** MILLERS OF ***

Indiana Soft Red Wheat,



SEYMOUR, IND., U. S. A.

Specially Equipped for the Exportation of
WINTER WHEAT FLOUR.

DAILY OUTPUT, 1,500
TEN-STONE BAGS...

13th CROP YEAR.

AGENTS IN ALL THE MARKETS
OF THE U. K.

Lawrenceburg Roller Mills Company,

Capacity, 1,500 Barrels.

Lawrenceburg, Ind., U. S. A.

BLANTON MILLING CO.,

... INDIANAPOLIS, IND. ...

MANUFACTURE

SOFT WINTER WHEAT FLOUR,

AND INVITE INQUIRIES FROM BUYERS.



The Finest Winter
Wheat Patent Flour.

CAN NOT BE EXCELLED
FOR BREAD AND PASTRY.

PHOENIX FLOUR MILL,
EVANSVILLE, IND., U.S.A.

... WE SELL ...



IGLEHEART'S SWANS DOWN.

Member of the Winter Wheat Millers' League.



Kauffman Milling Co.,

ST. LOUIS, MO.

PROPRIETORS
PEEBLES MILLS,
Mt. Vernon, Ind.

CABLE ADDRESS:
KAUFFMAN St. Louis

JOHN BULL: I say
Sam, this prosperity's
great! How do you
make it?

UNCLE SAM: Oh
easy! Americans use
Kauffman's Nutritious
High Quality Flours.
It makes them "Healthy
and Wise," and pros-
perity just rains down
on us.

MAKES "THE"
SOFT WINTER WHEAT FLOUR.

Garland Milling Co.
GREENSBURG, INDIANA.

FOR FOREIGN AND DOMESTIC BUYERS.
TRY IT!

916,365 bushels, exceeding all prior records, but in 1898 they made a further gain of 31,828,574 bushels, the shipments for the latter year aggregating 208,744,939 bushels. The advance over 1897 in the export price of corn, while not so marked as in the case of wheat, was nevertheless an important one. The annual average for 1898 was 35.5 cents per bushel, as compared with 30.6 cents per bushel for the year preceding. In the total value of the exports there was a gain of \$20,109,698, the record for 1897 being \$54,087,152, and that for 1898 \$74,196,850.

Accompanying the growing shipments of corn in the grain there has been a noticeable increase in the exportation of corn meal. The amount of this article sent to foreign markets in 1898 was 827,651 barrels, a gain of 352,388 barrels over the exports of 1897, which were recorded at 475,263 barrels. In the export price per barrel there was an increase from \$1.90 in 1897 to \$2.13 in 1898, and in the total value of the exports from \$902,061 for the former year to \$1,766,068 for the latter.

Our shipments of corn meal were equivalent in 1897 to 1,901,502 bushels of corn and in 1898 to 3,310,604 bushels. They formed a very small part, therefore, of our total exports of this grain. The combined shipments of corn and corn meal amounted to 178,817,417 bushels of grain in 1897 and to 212,055,543 bushels in 1898.

In our exportation of oats there was a gain during 1898 of 34,033,552 bushels, the shipments for the year reaching as high as 69,130,288 bushels, or nearly double the quantity marketed abroad the year before, when only 35,006,736 bushels were shipped. During the two years under consideration the total value of the exports increased from \$8,756,207 to \$20,632,914, making a gain of \$11,876,707. This important gain in value was due in some measure to an advance from 24.9 cents to 29.8 cents per bushel in the average annual export price.

Our exports of rye were also increased to a large extent in 1898. The quantity consigned to foreign markets in that year was 15,541,575 bushels as against only 8,560,271 bushels in 1897. As regards the value of shipments, there was an increase from \$3,667,505 to \$8,825,769. The gain in quantity for 1898 amounted to 6,981,304 bushels, and that in value to \$5,158,264. In the average yearly export per bushel there was an advance from 42.8 cents to 56.8 cents.

Owing to the marked increase during 1898 in our exports of other leading cereals, the decline in our barley shipments was particularly noticeable. In 1897 we sent abroad of this grain 20,030,301 bushels, valued at \$7,646,384, and in 1898 only 11,237,077 bushels, valued at \$5,542,040. According to these figures, the quantity fell off 8,793,224 bushels and the value \$2,104,344. In the average yearly export price there was an advance from 38.2 cents to 49.3 cents per bushel.

JOHN E. MONK.

THE ARKANSAS CITY MILLING CO.

The Arkansas City Milling Co., an illustration of the plant and officers of which appears on the first page of this issue of the Modern Miller, possesses, at Arkansas City, Kan., one of the finest mills in the Sunflower State.

This plant consists of two complete mills, the larger one on the right, as shown in the illustration, being the flour mill, with a capacity of 1,000 barrels per day. The one on the left, the corn mill, has a daily capacity of 200 barrels of meal, chop feed, rye and buckwheat flour.

The flour mill building is a handsome stone structure 50x98 feet, four stories and basement in height. The machinery in this mill is strictly modern and up to date. The basement contains the line shafting, pulleys and elevator boots. On the first floor are the long lines of rolls necessary for the grinding work. The second floor is given up entirely to purifiers, and is roomy and convenient, while the third floor contains numerous reels of various makes, which finish up the low grade stock. On the upper floor are six large Barnard & Leas plansifters which do the work of 40 reels and scalpings.

By this arrangement nothing but the grinding and bolting machinery is in the mill proper. In entirely separate, yet adjoining, rooms on the different

floors are the millwright and carpenter shops, bran and shorts packers, pancake flour department and flour packers. The cleaning of the wheat is done entirely in the elevator, the wheat being spouted through the walls into the stock hoppers.

An excellent system of exhaust fans and dust collectors leaves no perceptible floating dust. Insurance inspectors credit this mill as being one of the cleanest in the State.

The power is furnished by a 50-inch Leffel-Sampson water wheel, under a 22-foot head, the water being supplied by the Arkansas City Water Power Co.'s canal, four miles in length, joining the Arkansas and Walnut rivers.

In case of low water the mill has a fine 20x40 Buckeye engine, with a battery of four boilers and other machinery which goes with a complete steam plant.

The elevators of the company have a storage capacity of 225,000 bushels, and are equipped with the separators, track scales, and unloading machinery necessary for handling grain in large quantities.

The location of this plant, in the heart of the finest wheat growing country of Southern Kansas and Northern Oklahoma, gives the company unexcelled facilities for selecting and buying, at first hand, choice milling wheat. The importance of this feature in the manufacturing of flour has been fully appreciated, and the company has established and operates a line of elevators, with buyers, along the Santa Fe Railroad in Oklahoma. This gives an opportunity for large dealings in grain in connection with the milling business.

The shipping facilities are of the best, four lines of railroad having access to the switch tracks at the plant.

The output is sent in all directions. Besides a large local business, the mill has a splendid trade in the East and South, and does considerable exporting, a branch of the business which is rapidly increasing.

The officers of the company are: A. A. Newman, president; W. H. Upton, vice-president; C. H. Searing, manager; C. Mead, secretary and treasurer, and John Landes superintendent of the milling and machinery department.

Under the careful management of these gentlemen, this plant has been brought to its present state of efficiency, and its brands of flour have become household favorites wherever they have been introduced.



THE S. HOWES CO.'S

Line of Flour, Bran and Feed Packers are the largest, strongest, most rapid, durable, latest and most complete of any on the market.

**THE IRON KING BRAN AND FEED PACKER.
THE SILVER CREEK BRAN PACKER,
THE SILVER CREEK FLOUR PACKER,
THE HOWES FRICTION DRIVE PACKER,
THE JEWEL SACK PACKER,
THE ELECTRIC SMALL PACKAGE PACKER
AND
THE JEWEL FRICTION CLUTCH PACKER.**

Like the "Eureka" Grain Cleaning Machinery, our Packers are becoming the standard of the world, and nothing but the best material and workmanship are employed in their manufacture. They are built on honor, sold on merit.

THE S. HOWES CO.,

Eureka Works, SILVER CREEK, N. Y.,
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EDWARD P. MERRILL,

Millers' Agent,

Grain and Mill Feed.

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Send Samples Winter Mixed CIPHERS: . . .
Feed 100s, and Bran Deliv- Robinson's.
ered, Boston Rate Points. Jennings's.
I want a good Corn Account.

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Shippers desiring trade in Baltimore, Wash-
ington and Alexandria

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and Shippers
Grain, Hay and Flour.

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ACCOUNTS SOLICITED.

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Exchange Bank, Rome, Ga.; R. G. Dun &
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FIRST AND SECOND BAKERS**

FOR SHIPMENT
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MILL FURNISHINGS

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AND CATALOGUE.**

FEEDSTUFFS.

ST. LOUIS, April 28.—Bran was firm early in the week, when sales were at 63c basis East track, but declined to 61c, and was quiet at that. The reason for this was that there was more for sale and less shipping demand. Sacked bran at country points sold at 56@60c, according to location, and bulk at 55@56c. Jobbing sales from city mills were at 65 @66c for bran, and 75c for shipstuffs.

MEMPHIS, TENN., April 28.—(By telegraph.)—There has been only a moderate order business done this week in feedstuffs. Wheat bran, \$13; some mills asking a shade higher; chopped corn, \$14.75; feed meal, \$15.25; low grades of each, mixed with corn bran, 50c@51 less; considerable low grade stuff has been offered here within the last ten days by Western mills; white corn, 39c; mixed corn, 37½@38c; No. 2 white oats, 32@32¼c; No. 2 mixed oats, 30½c. Stocks of corn, 65,000 bushels; oats, 75,000 bushels.

BOSTON, MASS., April 28.—(By telegraph.)—There is a slightly better demand for feed that is in transit, but dull for future shipment. In 200s, May shipment, spring and winter wheat bran, \$15@16; middlings, \$15.50 @17.50; mixed feed, \$16.50@17.50, with a little better prices for near-by stuff.

KANSAS CITY, MO., April 28.—(By telegraph.)—The feed market is exceedingly strong. Prices f. o. b. Kansas City, are: Bran, 100-lb. sacks, 64@65c; shorts, 67@68c; corn chops, 63@65c; corn and oat chops, 55@56c; hominy feed, 55@56c. The demand for bran is stronger than has been known for many years. The mills are running very light and there is a small output.

CHARLESTON, S. C., April 28.—(By telegraph.)—Mixed oats, 37½c; white clipped, 40½c; white corn, 52c, all sacked; No. 1 timothy hay, \$13.50; No. 2, \$12.50.

ATLANTA, GA., April 28.—(By telegraph.)—Bran, \$15; white corn, 49½c; demand fair.

CHICAGO, ILL., April 28.—(By telegraph.)—Mill feed quiet; bran, bulk, \$12.

MINNEAPOLIS, MINN., April 28.—(By telegraph.)—Bran, bulk, \$10@10.25; in sacks, \$11@11.25; shorts, bulk, \$10 @10.35; in sacks, \$11@11.25; red dog, per ton, \$13@13.50.

NEW YORK.—Exports from this port for the week ending April 22 were as follows: Wheat, 300,822 bushels; corn,

286,181; oats, 166,183; rye, 34,000; barley, 30,000; flour, 56,400 barrels. There was also exported to Rotterdam, 50,000 bushels buckwheat; Manchester, 3,000 bales of hay; Liverpool, 900 bales of hay; Hamburg, 1,900 bags of bran; Glasgow, 4,700 bales of hay and 2,000 bags of bran; London, 4,500 bales of hay. Bran and hay are two feedstuffs that are gradually increasing in exports.

ANOTHER FLOUR MILL COMBINATION STORY.

The New York Tribune this week revived the story of the consolidation of a number of flour mills. The Tribune, of April 25, says: It was said yesterday that the flour milling combination had been finally arranged and would become effective May 1. The consolidated company, it is understood, will have a capital of \$25,000,000, half preferred stock and half common, and will issue \$15,000,000 bonds. The combination, it is said, does not include the Washburn-Crosby, Pillsbury and Consolidated mills of Minneapolis, although the Washburn-Crosby company may before long enter the new company. George F. Urban, of the Urban mills, Buffalo, and Jacob Amos, of the Amos mills, Syracuse, are expected to be respectively president and vice-president of the new company.

George F. Urban, replying to an inquiry of the Modern Miller as to the truth of the above report, telegraphed this journal that there was nothing which could be said at this time.

Thomas A. McIntyre is reported by the daily papers to have denied the story.

"The published story," he is quoted as saying, "is grossly inaccurate or exaggerated so far as any plan that has been talked of is concerned. All that can be said of such a scheme is that there is something under way that may result in a consolidation being accomplished. The newspapers have recently done some guessing on the subject, but without any hint from me, and I can safely say that all the stories about flour consolidation presented to the public have been gotten up without any warrant in the shape of talk from Thomas A. McIntyre. The present scheme is much more modest than the one I was interested in last year, which involved interests amounting to \$125,000,000 to \$150,000,000. This failed through certain interests dropping out. I do not at

the present know when the negotiations will culminate. If they result in an agreement I will talk of the plan and give accurate information about it."

GOVERNMENT CROP REPORT.

The special weekly crop report of the Department of Agriculture, made public Tuesday, gives local conditions as follows:

Missouri—Week favorable to wheat and grass, but rains delayed oat-sowing and corn-planting; oats coming up well; oat-seeding not completed in northern sections; wheat seems to improve, but in many northern counties hardly more than half the crop worth saving.

Illinois—Highly favorable week for farming operations; oats mostly sown, early coming up with good stand; corn land being prepared and planting begun in extreme south; wheat growing rapidly, but much winter-killed and little remains over north half of the State.

Indiana—Weather warm, with local rains, very favorable; wheat improving; some fields promise excellent crops; rye, barley and timothy look well; oats nearly all sown and coming up well; plowing advanced most rapidly and corn planting begun; meadows and pasturage green.

Texas—General and sufficient rains in most sections very beneficial to farming interests, except too heavy in few localities; fore part of week warm and favorable, latter part cool, retarding plant in growth; crops generally late; corn generally clean and growing fairly well, but needs warm sunshine; wheat and oats improving.

Nebraska—Dry, windy week, favorable for advancing farm work, but exceedingly unfavorable for winter wheat; spring wheat about all sown and coming up; oat-seeding well advanced; dry weather has retarded the growth of grass and all grain; corn planting commenced in southern counties.

Kansas—Wheat improved; oats, barley and alfalfa sowing about completed; corn planting, progressing; early corn coming up in south, but does not look well; too cool.

Oklahoma—Wheat has rapidly improved, too cold and wet for spring crops; corn nearly all planted.

New Mexico—Drought and cold nights retarding vegetation; corn planting begun.

Arizona—Cool weather, no rain, and drying winds have produced condi-

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Cable Address,
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Daily Capacity, 5,000 Barrels.
Wheat Elevator Capacity, 600,000 Bushels.
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Our "RELIABLE" brand of Kansas Hard Wheat Patent Flour was awarded first premium by the great St. Louis Fair Association, October, 1898, in competition with the best Minneapolis flours.

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OFFICE, 45 & 46 REPUBLIC BUILDING
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Located in the Center of the Missouri and Kansas Hard and Soft Wheat Section. This is the finest and most modern Mill west of the Mississippi River.

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High Grade Flour,

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Flour Exporters AND DEALERS IN Kansas Hard Wheat Flour.

OUTPUT 1500 BAGS PER DAY.

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Daily Capacity,
Flour, 1,000 Bbls.,
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Mills at SPRINGFIELD, REPUBLIC
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Also dealers in and
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Pure High Grade Hard and Soft Wheat
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E. GODDARD FLOUR CO.,

SUCCESSORS TO

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E. GODDARD FLOUR MILL CO., Established 1856.

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Millers' Agents of

Winter and Spring Wheat Flour,

Also Make Sales for Shipment for Account of Mills.

SPECIAL ATTENTION GIVEN TO BUYING WHEAT FOR MILLING.
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The Spanish-American Directory Company having just published the National Directory of
Honduras, is now actively engaged in the preparation of a Commercial Directory of Porto Rico,
which it expects to have ready for delivery about May 1st.

The system pursued in the preparation of this directory, together with the skill and experi-
ence of the Editors and Compilers, are a guarantee that the book will afford the most complete
compendium in existence.

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make a Specialty of Ready
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bushels per hour, ten thousand bushels per hour from each of the two belts. Two vessels may be loaded at once, or delivery made into two holds at once, of the same vessel. Rope transmission is used in the elevator building and for driving the conveyor belts. The depth of water at the dock is 24½ feet.

This, in brief, is a description of what one railroad system is doing for the exporting miller and grain shipper. Thousands of dollars yearly are being expended, and every known improvement adopted that this Gulf port and this road may be able to successfully handle the immense amount of tonnage which ultimately will be forwarded from this point.

UNITED STATES MILLING COMPANY.

The mills reported to have gone into the corporation forwarded by Thos. A. McIntyre, of New York, are: Three mills of the Minneapolis Flour Mfg. Co., Minneapolis, Minn.; the Hecker-Jones-Jewell group, at New York City, Brooklyn and Staten Island; Urban Roller Mills, Buffalo; Amos mills, Syracuse, N. Y.; Daisy mills, Milwaukee; Minkota, Anchor, Imperial, Daisy, Litsman and Imperial, at the Head of the Lakes.

The United States Milling Co. was incorporated under the laws of New Jersey with a capital stock of \$25,000,000, and authority to issue \$15,000,000 in bonds, this issue, however, it is not expected to make in full at once.

George Urban, Jr., of the Urban Milling Co., Buffalo, will be president of the company, and Thos. A. McIntyre will be treasurer. The board of directors of the company will be made up of the heads of the leading mills absorbed by the new company.

EXPORT RATE HEARING MAY 15.

Continued from page 5.

another regulation that bags manufactured prior to July 1, 1899, are admissible under former regulations if marked with the words, "For drawback," in indelible ink or re-marked in that manner. But preliminary entries hereafter made must state that they were manufactured prior to July 1.

Congressman Tawney, of Minnesota, will probably accept the invitation of President Davis to address the convention of the Winter Wheat Millers' League, in Detroit, on May 25. Mr. Tawney has returned to his home.

Before leaving he said that he would likely be in Detroit on the date named. He will speak on reciprocity, and also the probable success of any attempts made to repeal the pure flour law. He will also touch the question of discriminating railroad rates on raw material as against manufactured products.

JOHN E. MONK.

FEEDSTUFFS.

ST. LOUIS, May 5.—Bran was lower in price and quite dull. It was not a larger supply that caused this decline, but that there was less demand. The fact is that spring wheat bran has been selling in the East at a price with which local shippers could not compete. Sacked bran offered at 60 cent basis East track and shippers out at over 58 cents. Sales at country points were at 57@58c; jobbing sales from the mills at 60@67c this side, and 61@62c East side.

BOSTON, MASS., May 5.—(By telegraph.)—Feeds of all kinds are very dull, but nice broad flaky bran is wanted. Quotations: \$14.25@16.50 cover spring and winter wheat bran in 200s, with middlings about the same price.

CHICAGO, ILL., May 3.—(By telegraph.)—Mill feed quiet; bran, bulk, \$12.

MEMPHIS, TENN., May 5.—(By telegraph.)—There has been a fair business doing in grain and feedstuffs this week. Wheat bran, \$13; chop corn, \$14.50; corn bran, \$8. Understand there are some low grade chops, which is mixed with corn bran, quoted at a little lower prices; white corn, 39c; mixed corn, 36¾@37c; white oats, 31¼@31½c; mixed oats, 30@30½c. Stocks: Corn, 55,000 bushels; oats, 60,000 bushels.

NASHVILLE, TENN., May 5.—(By telegraph.)—Mill feed shows less strength this week, as pastures are developing rapidly. Bran, \$12.50@13; shipstuffs, \$13.50@14. There is no hominy feed on this market, as this was made here by only the Cumberland mills, the corn plant of which burned early last week.

SAVANNAH, GA., May 5.—(By telegraph from W. D. Simpkins & Co.)—Grain and feedstuff market is quiet. We quote: Pure wheat bran, \$15; white corn, sacked, 51½c; No. 2 mixed or yellow corn, 50c; No. 2 mixed oats, 37c; No. 1 timothy hay, \$15.50.

MOBILE, ALA., May 5.—(By telegraph.)—Bran, large sacks, \$14; small

sacks, \$15; yellow corn scarce, at 43c; No. 2 white corn, 42c; white oats, heavy clipped, 35c; No. 2 oats, 34¼c; No. 3 oats, 34c. Receipts light.

CHARLESTON, S. C., May 5.—(By telegraph.)—White clipped oats, 40½c; mixed, 37½c, sacked; No. 1 timothy hay, \$13.50; No. 2, \$12.50.

NEW ORLEANS, LA., May 5.—(By telegraph.)—Feed meal, \$14.50; bran, 76c; mixed corn, 44c; white or yellow, 44¼c.

ATLANTA, GA., May 5.—(By telegraph.)—Bran, \$14.60; white corn, 49c; fair demand.

NASHVILLE AND SOUTHEAST.

NASHVILLE, TENN., May 5.—The flour market shows a slight improvement, but business is still dull. Prices are steady: Patent, \$3.75; straight, \$3.45; extra fancy, \$3.35; fancy, \$3.05; choice, \$2.65.

The wheat market is quiet, with little trading; receipts continue light. Wagon wheat, 73@74c; local car lots, 75@77c; wheat with reshipping privileges, 78@79c.

The forthcoming report of the State Bureau of Agriculture will show an increase over conditions as stated in the recent special report and the April report, especially as to wheat. The warm, growing weather has improved the plant considerably, and the estimates of damage are being considerably lowered.

Corn products continue in fairly good demand; the volume of movement shows a slight increase over last week. Good white milling corn, 42@43c, with receipts liberal enough for requirements. The corn mills are all running full time and selling their output readily: Bolted meal, 86@92c; pearl, 96c@1.03; grits, \$1.25; corn flour, \$1.

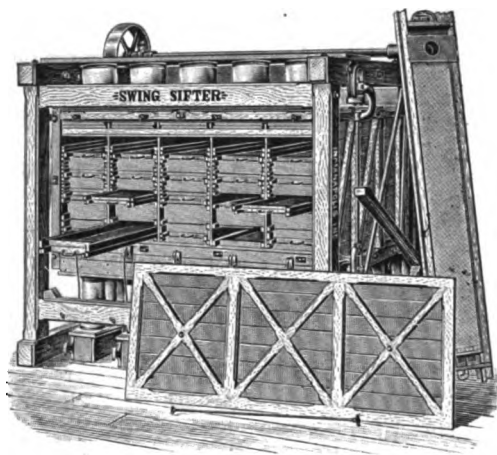
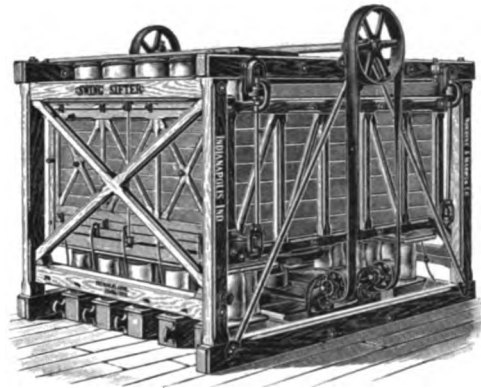
Work on the new corn plant of the Cumberland mills is being pushed rapidly forward, and Vice-President and General Manager Bronson expects to have this mill in operation within the next week or so.

The Model mills, Nashville, report: We started Monday with a brisk trade and the indications favored the best week of the season, but this proved only a temporary spurt, and we have dropped back into the old rut of dullness and depression again.

The Liberty mills, Nashville, report: Our trade this week has been fair. We have been running full time, and trying to sell our output, but the success has not been as great

THE SWING SIFTER SCALPER, GRADER AND BOLTER

**FULLY
DEVELOPED**



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NO EXPERIMENT.

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NORDYKE & MARMON CO.

**FLOURING MILL ENGINEERS,
IRON FOUNDERS AND
MACHINISTS.**

**INDIANAPOLIS,
IND., U. S. A.**

as our strenuous efforts deserved. We have had some inquiry, but have effected no sales for export. Our corn business has been fairly good, and we are selling our output. Bran is beginning to drag just a little, but prices are steady.

F. P. Potter and others of Crossville, Ill., filed a petition in the United States Circuit Court this week against C. D. Smith & Co., grain dealers of this city putting that firm into involuntary bankruptcy. The petition states that the liabilities of the firm are \$50,000 and assets 40,000 bushels of wheat.

The Cumberland mills, Nashville, report: Business continues quiet, but we note some improvement over last week. The market lacks snap and prices are unsatisfactory. We are continuing to supply our meal trade until our new corn plant is put in operation, but are not making much effort to increase the volume of business in this line until we are better prepared to meet all demands. Our mill has been down the greater part of this week, as we were having some repairs put on our boilers.

A section of B. S. Rhea & Son's grain elevator, situated on the banks of the Cumberland river, in Nashville, collapsed Monday and dumped about 5,000 sacks of wheat and corn to the bank of the river. The section which fell was 25x40 feet; the total damage will not exceed \$1,000. Only a small percentage of the grain was lost, and the main damage to it resulted from rehandling. The elevator will be rebuilt at once.

A Huntsville, Ala., dispatch says: W. S. Wells, who is assisting T. W. Pratt in the negotiations for the location of the Merrimac mills, returned yesterday from New York and Lowell, where he and Mr. Wells have been in consultation with the directors of the company. The directors will come to Huntsville during this week, and it is hoped that contracts for the erection of the mills will be signed. G. T. HALLEY.

CHARLESTON.

CHARLESTON, S. C., May 5.—(By telegraph from F. W. Wagoner & Co., flour, grain and feedstuff merchants.)—The flour market is quiet, with prices but slightly changed from a week ago. Quote: Tennessee patents, \$3.85; straight, \$3.60; spring wheat patent, \$4.15; bakers patent, \$4.20.

SAVANNAH.

SAVANNAH, GA., May 5.—(By telegraph from M. Ferts's Sons & Co., flour merchants.)—Flour trade this week has been dull, with light demand. Ruling prices are: Winter wheat patents, \$3.95; fancy, \$3.75; straights, \$3.60; spring wheat patents, \$4.40; bakers, \$4; low grades, \$3.35.

ATLANTA.

ATLANTA, GA., May 5.—(By telegraph from George W. Brooke, flour, grain and feedstuff merchant.)—Quotations are: Soft winter wheat patents, \$4; straight, \$3.60; extra fancy, \$3.50; hard winter wheat patents, \$1.10; spring wheat patent, \$4.30. Demand fair.

MEMPHIS.

MEMPHIS, TENN., May 5.—(By telegraph from E. C. Buchanan & Co., flour, grain and feedstuff merchants.)—There has been a light business doing in flour this week. The market is weaker, with considerable disposition on the part of millers to sell. Choice patents are quoted at \$3.75@3.90; bakers, \$3.40@3.50. Outside prices for well known brands. Meal has been dull; quoted at \$1.65@1.70. Sacked meal, 10@15c less. No. 2 red winter wheat, nominally 80c. Stock of flour, 36,000 barrels.

NEW ORLEANS.

NEW ORLEANS, LA., May 5.—(By Telegraph from J. Hy. Lafaye & Sons, flour, grain and feedstuff merchants.)—We quote: Soft winter extra fancy, \$3.55@3.60; patents, \$3.85@3.90; Kansas bakers, \$3.15@3.25; cornmeal, \$1.95; grits, \$2.20.

MOBILE.

MOBILE, ALA., May 5.—(By telegraph.)—Business for the past week has been slow, consisting entirely of offers and counter offers. Quotations: Minnesota patent, \$3.80@4.10; Illinois soft winter wheat patent, \$3.75@3.90; straights, \$3.40@3.5; Kansas patents, \$3.60@3.70; straights, \$3.35@3.50.

ROME.

ROME, GA., May 5.—(By telegraph from H. D. Cothran & Co., flour, grain and feedstuff merchants.)—Demand for flour is only fair; quotations unchanged from a week ago. Winter wheat patent, \$4.10; straight, \$3.60.

SAN FRANCISCO.

SAN FRANCISCO, May 5.—(By telegraph.)—Flour receipts for the week amounted to 24,000 barrels. Exports of flour: Central American, 7,000 barrels; Honolulu, 1,000 barrels; Siberia, 14,000 barrels; China, 16,000 barrels; Japan, 3,000 barrels. Flour market, \$3.50. No exports of wheat. Market, 64½c.

MINNEAPOLIS AND THE NORTHWEST.

MINNEAPOLIS, MINN., May 5.—(By telegraph.)—Trade is light and market dull. Prices are firm. Very little can be said about the market; foreign bids were below the present cost, and domestic buyers are doing very little. First patents, \$3.60@3.70; second, \$3.40@3.50; first clears, \$2.65@2.85.

CHICAGO AND CENTRAL STATES.

CHICAGO, ILL., May 5.—(By telegraph from Montague & Co.)—During the past week the demand for flour has been light, the trade buying only certain lines to replenish exhausted stock. No disposition is shown to buy except to meet present necessities. No business for export. Prices unchanged to 10c lower. Winter wheat patents, \$3.50@3.60; straights, \$3.20@3.30; hard spring patents, \$3.55@3.70; bakers, \$2.20@2.40; rye flour, sacks, \$2.50@2.70.

The United States Senate Pure Food Commission, of which Senator Mason is chairman, resumed this week in Chicago, the investigation begun in Washington last March into the adulteration of foodstuffs. Dr. H. W. Wiley, who for the past seventeen years has been chief chemist of the National Agricultural Department, testified that practically all food sold in this country is adulterated.

BOSTON.

BOSTON, MASS., May 5.—By telegraph from J. Walter Sanborn & Co., millers' agents and flour, grain, hay and produce merchants.)—Flour continues dull, the hoped for improvement failing to materialize. Stocks must be light, and some business might naturally be expected ere long. Spring wheat patents, \$3.90@4.15; clear, \$2.90@3.25; winter wheat patents, \$3.75@4.20; straight, \$3.50@3.75; clear, \$3.35@3.50.



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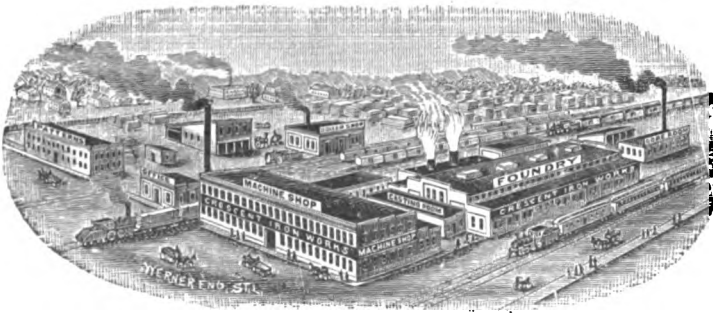
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this kind will be lost sight of, and unless the enterprising business men who are especially interested in the development of our foreign commerce organize and concentrate their influence upon our federal Congress, years may be wasted in fruitless discussions over questions as to the most feasible route, cost of construction and government ownership and operation.

I might make the same remark concerning legislation presented to the last Congress intended to bring back to life again our merchant marine. The incalculable benefit accruing to the milling industry and to the farmers of the United States from the enactment of legislation for this purpose is too well known and appreciated to require any extended exploitation upon an occasion of this kind.

Another important facility essential to the growth of our foreign commerce, one seldom thought of by the public, is foreign banking facilities. The difficulties are very great under which American manufacturers and producers labor, especially in South American markets in the matter of exchange. With the exception of Mexico, with which we now have means of direct communication, there is scarcely a country in Central or South America with which we have any facilities whatever for direct exchange. Speaking of our situation in this regard, Mr. M. L. Muhleman in a recent article, says: "Where do the United States appear abroad in the financial centers? Nowhere! Go to Manila, for example, and we find that the British chartered banks are there, and practically control the trade that is not Spanish; in Honolulu the Bank of New Zealand, again a British corporation, has a branch; and in New York we have the branches of several Canadian banks, the London and Brazilian, the Hong Kong and Shanghai, the Yokohama Specie, and other foreign institutions. It is manifestly profitable for them to have agencies here. Why should not we have similar establishments to facilitate and foster trade?

At the meeting of the Pan-American Congress held in Washington in October, 1889, it was unanimously decided that in order to promote trade between the United States and South American countries, there should be established an international bank or banks to accomplish for the United States what Great Britain has accomplished for her merchants and manufacturers through the instrumentality of her international banks in London. A delegate to this Congress from Chili said on that occasion: "Suppose I want to buy an invoice of bacon or an invoice of cereals or an invoice of any other product of the United States, what must I do in order to make payment? I must telegraph or have my bank telegraph to London for a bill of exchange. I must pay two premiums in order to make a settlement of my purchase in Chicago. I must pay a premium on my bill of exchange on London, and then I must pay a premium on a bill of exchange between London and my own country." "Now,"

said he, "It is inevitable that with a premium on each bill of exchange, about one per cent, that there is a discrimination of trade with your country to the extent of one per cent, and in these days," said he, "one per cent is a profit, and it determines in a large number of cases that I cannot buy what I desire to buy in Chicago or New York, and I must buy in London."

In the last Congress a bill was brought in for the incorporation of one or more international banks. When incorporated under its provisions each international bank would have been authorized to establish anywhere in the United States eight branch banks, and that, too, without any restriction upon the parent or branch banks as to loans and discounts, thus affording the opportunity to monopolize our domestic banking business. In a way, too, that would insure to the people none of the safe-guards which previous Congresses deemed necessary for that purpose in the establishment of our national banks. For this and other reasons, which the record of the debate on this bill will disclose—the bill failed, and the subject was not again considered during that Congress, because only those who were named as incorporators of the first international banks, and who, therefore, had a pecuniary interest in securing its passage showed any interest in having the bill amended so as to eliminate the objections originally made to the measure, and have it brought up again for consideration, but it was not done.

All the legislation we have ever had authorizing the President to negotiate with foreign countries for the removal of restrictions and discriminations against American products in their markets and for reciprocal agreements securing for American producers more favorable advantages have been enacted by the 51st and 55th Congresses. Under that of the 51st Congress many important commercial agreements were secured, and our export of flour increased enormously. Without reason, justice or common sense for an excuse, the 53rd Congress repealed the legislation under which these agreements were negotiated, and the millers of the United States lost more than 25 per cent of their trade with these countries. This legislation was re-enacted and was supplemented by the last Congress. Under its provisions we have since then secured a limited commercial agreement with France which has proven very advantageous and has increased our exports to that country. A wider arrangement with that country is now under consideration under the provisions of section four of the Dingley tariff. Negotiations for commercial agreements under the present law are also pending with five or six countries of Europe and with several of the South American countries. All these, as I am informed, will affect our export trade according as our interests require. It is generally believed that the administration is doing everything possible to enlarge the trade of American manufacturers with foreign countries under the legislation of the 55th Congress, but

owing to commercial rivalry and jealousy among nations, and so many conflicting interests, both private and public, it has been found necessary to avoid all intermediate publication respecting negotiations. Until these commercial arrangements, therefore, are actually concluded it is difficult to obtain any information concerning them.

Reciprocity is a commercial transaction. It is a simple but wise proposition such as every merchant and manufacturer employs in his business. It is based upon common sense. It is the application of the golden rule to commerce, to persuade our neighbors to make concessions in favor of our products in return for concessions we have already made or agreed to make in favor of theirs; to secure for the farmer and manufacturer of the United States advantages that their rivals in other countries may not enjoy, and to increase the purchasing power of the consumers in the other American nations by reducing the cost of certain merchandise of which they, by reason of high duties imposed upon it, are in a great measure deprived. If the 53rd Congress had allowed the reciprocity legislation of the 51st Congress to continue uninterrupted its effect would have been felt in the income of every farmer, in the profits of every merchant, and in the wages of every mechanic and laborer in this land.

While I have been requested to discuss the question of how to secure legislation or prevent undesirable or hostile legislation, I shall not attempt anything more than a few suggestions for your consideration concerning it. This is not only a practical, but an important matter.

When you come to your representative asking for national legislation, it is of the utmost importance that you come prepared to show the necessity for it and the right of Congress to enact it. Of course, it is true under democratic institutions that public opinion is the great power which makes laws. It is not money. It is not the power of a small number, but the demands that have popular approval which readily find expression upon our statute books. But this applies in national legislation to those great measures only of national importance—measures that have been discussed in the newspapers, on the stump and in the pulpit, whereby public opinion is crystallized, in obedience to which, and in line with which general legislation is secured. In cases affecting particular interests, however, where the public is only incidentally concerned, it seldom happens that there is that intelligent public opinion necessary to secure this result. In that case resolutions, petitions and newspaper editorials are valuable only insofar as they intend to show the necessity for the legislation and the interest of those directly affected, whom the Representative in Congress always considers responsible for the apparent interest of those whose signatures are procured to documents of this kind. A clear, concise and logical statement of the reasons for the legislation, of

the interests affected, made to a committee of Congress having jurisdiction of the subject under consideration is of far more value than any other mode of procedure that can be pursued. If the proposed legislation meets with serious opposition, and such legislation is believed to be meritorious, there is nothing that can be done except to adopt the same rule that you follow in your own business when confronted with opposition that you believe can be overcome by argument and by a proper presentation of facts.

In an industry like yours, one that is largely dependent upon national legislation for its success and its prosperity, I would say that the thing most essential in securing such legislation is your ability to concentrate the influence of all those who are directly interested, and this can only be done by thorough and systematic organization. Without it you can't avoid working at cross purposes.

One of the gravest mistakes made by many who demand meritorious legislation is that they do not concentrate their efforts upon specific, clearly-defined and well-digested demands.

FRIDAY MORNING'S SESSION.

DETROIT, MICH., May 26.—(By telegraph.)—At the Friday morning session of the convention Messrs. John L. Cassels, of Glasgow; C. J. Abbott, of Bristol, and Messrs. Johann Koopmann and Jan. Tas., of Amsterdam, all large importers of American flour, were present, and in response to the invitation of the chairman addressed the convention on the subject of delays in the transit of flour. Each of these gentlemen submitted facts in substantiation of the righteous complaints of the European importers, showing that it is impossible to maintain any degree of regularity in trade as long as it takes from three to four months for flour to arrive.

The gentlemen from Great Britain and Holland made a deep impression by their "plain unvarnished tales" of the troubles they had to meet and the great hindrance to the extension of the export flour trade caused by either the carelessness of our millers or the remissness of shippers. Their earnest remarks seemed to incite defensive arguments on the part of Messrs. John T. Sickel, Paul Gotthell and W. H. Van Den Toorn, representing steamship lines, and Messrs. E. J. Henry and Walter T. Moore, representing inland carriers. Each representative of transportation lines spoke eloquently in exoneration of his company from blame in the matter of delays of shipments of flour, and the result of the discussion was the shifting of the burden of proof upon the miller.

Herbert Bradley, millers' export agent, followed the gentlemen above mentioned with an interesting paper on delays in transit.

FRIDAY AFTERNOON.

At the afternoon session, Mr. Hunt, of the Canadian Millers' Association, ably defended the Canadian millers against any possible imputation of carelessness in looking after ship-

ments. Mr. Blanton, of Indianapolis, expressed the opinion that only millers west of the Mississippi and in the Northwest, or those who ship by lake and rail, have given the foreign importer cause for complaint. He thought the winter wheat millers should be given credit for their faithfulness in taking care of shipments.

Thurston Ballard, of Louisville, endorsed Mr. Blanton's expressions in a ringing speech, in which he said that his company had no trouble at all in the export business. "We quote prices, for instance," he said, "on flour to be shipped in May, June and July. If any delays occur we wire customers asking how much damage has been caused by the delay, and on receipt of their replies, we pay the amount asked. I believe all millers can, by pursuing the same course, avoid difficulties."

T. A. Taylor expressed the belief that in the last year and a half there has been a steady improvement in the despatch of cargoes, and that the delays that had occurred could be almost invariably traced to the seaboard factors.

C. L. Cutter, of the National Mill and Elevator Co., Toledo, said he did not think the millers east of the Mississippi should bear the opprobrium for delayed shipments. He thought most of the complaints applied to the transmississippi and Northwestern millers, but believed all should pay closer attention to dates of shipment from seaboard.

Geo. T. Evans, of Indianapolis, stated that only once in the past year had he heard any complaint as to shipments, and he believed that if millers would give the proper attention they would have no trouble.

F. E. C. Hawkes, of Goshen, Ind., wanted to know how the carriers could justify themselves by doing an injustice to millers who ship promptly on account of the acts of those who do not. The documents we get now, he said, are ample if the transportation lines treat the miller as they should.

Mr. Bradley, millers' export agent at New York, stated on this point that in many heavy claims held by him for adjustment he found that delays in shipments were generally due to speculation by Western freight agents. The meeting adjourned to 10 a. m. Saturday.

REPORT OF COMMITTEE ON RESOLUTIONS.

DETROIT, MICH., May 27.—(By telegraph.)—These resolutions will be presented to the convention at the session to convene this morning:

To the Winter Wheat Millers' League in convention at Detroit, Mich., May 27, 1899—Your committee on resolutions begs leave to report as follows:

Whereas, The evil of flour adulteration was in years past practiced to some extent in the United States; and

Whereas, The Congress of the United States, by act approved June 13, 1898, did forbid the mixing of the product of any other grain than wheat or any other material with wheat

flour, without plainly branding such mixture so as to declare its true constituents; therefore, be it

Resolved, That it is with great pleasure we are enabled to report to the convention and thus to the flour-buying world that not a case of flour adulteration in America has been discovered within the past year, either by the revenue officials of the United States or by the officers of this or any other millers' association. Believing that the offer of \$300 reward to any one furnishing this League with information leading to the arrest and conviction of any violator of the flour law has had a good effect in the enforcement of the act of Congress, we earnestly recommend the continuation of that offer; also, the continued watchfulness of the officials of this organization to the end that the law against flour mixing shall be strictly enforced.

Resolved, That this organization disapproves the opinion of the Attorney-General, and the ruling of the Commissioner of Internal Revenue based thereon, by which self-raising and pancake flours were held to be taxable under the act of Congress approved June 13, 1898. Realizing that it was not the intention of the authors of the mixed flour act to tax such products, and being reliably informed that compliance with said law works a hardship on the manufacturers of the higher grades of such products while exempting from taxation and the branding requirements of the law the lower grades of these goods, the Winter Wheat Millers' League recommends the enactment by Congress of such amendments to the act mentioned as will define "mixed flour" in such manner as to exempt the class of manufacturers mentioned, and also such other amendments as are demanded to improve the administrative features of the law.

SHORT WEIGHT PACKAGES.

Whereas, Complaints are occasionally made that unscrupulous millers, flour jobbers and dealers are packing, shipping and selling flour in short-weight packages, and thereby deceiving and cheating the purchaser of the same; and

Whereas, We recognize the fact that, although these cases are comparatively rare, the practice is inimical to the business of the honest millers of the country, and also reflects discredit upon the fraternity;

Resolved, That this association places the seal of its disapproval upon such dishonest practice and pledges itself to use its utmost endeavors to discover, suppress and, if possible, to punish any and all parties guilty of the same; and

Whereas, A few states have already statutory enactments defining and establishing the legal weight of a barrel of flour, and of packages containing fractional parts thereof, we recognize the fact that while such state laws may be useful within their own borders, the business conducted by modern merchant millers is so largely interstate in character that there should be enacted a national law by

the Congress of the United States fixing the weight of a barrel of flour and fractions thereof, and providing penalties for the violation of the same, and that the proposed law establish the weight of a barrel of cornmeal and fractions thereof.

EXPORT WHEAT AND FLOUR RATES.

Whereas, The exporting millers of the United States have been handicapped since about the middle of February by the railroad companies issuing inland tariff rates on wheat for export at from 1½¢ to 5¢ per 100 pounds less than the inland rate on flour for export; and

Whereas, If this policy is continued in practice it will speedily utterly destroy the export trade in flour from the United States; and

Whereas, Our executive committee has been in conference with the railroad people and the Interstate Commerce Commission with a view of abolishing this unjust discrimination; therefore be it

Resolved, That the membership of the League heartily endorses everything the legislative committee has thus far done in the matter, and that we earnestly urge upon the incoming legislative committee for the ensuing year the importance of doing everything in its power to speedily bring about a complete and permanent readjustment of rate on flour and wheat for export at the same tariff rates.

THE UNDERBILLING EVIL.

Whereas, A few unscrupulous dealers, millers and grain and feed shippers do sometimes ship flour and other grain products billing the same at less than the actual amount in the car; and

Whereas, Certain buyers and receivers of these products fraudulently receive the same; and

Whereas, Certain railroad agents conspire with the above-named parties to successfully perpetrate these frauds, thereby enabling the dishonest dealers or shippers to make lower prices than can be possibly made by the honest dealer or shipper.

Resolved, That the pernicious practice of underbilling is unqualifiedly condemned by this Association, and the officers of this Association are directed to use all reasonable means in their power to have this practice stopped, and as underbilling is made a penal offense by the interstate commerce law, we recommend that a suitable reward be offered by the Association for the detection and conviction of any party or parties engaged in this nefarious practice.

THANKS TENDERED TO DISTINGUISHED GUESTS.

Whereas, This convention has been honored with the presence and instructed by the wise counsel of a number of gentlemen distinguished for success in their several professions and avocations; therefore be it

Resolved, That in addition to the standing vote of thanks tendered the Hon. James A. Tawney, the Winter Wheat Millers' League now tender him this proof of our highest appreciation and confidence and our sincere thanks for his masterly address.

Resolved, That we tender the thanks of this League to Messrs. John L. Casals, of Glasgow; Frances E. Haslam, of London; C. J. Abbott, of Bristol, England; John Koopmans and Jan Tas, of Amsterdam; John T. Sickel, of Chicago; Jaul Gotthell, of New York; W. H. Van Den Toorn, of New York; E. J. Henry, of Chicago; Walter T. Moore, of Philadelphia; Thomas Beard, of Chicago; F. M. Whitaker, of Cincinnati; W. H. Van Den Toorn, of New York; J. J. A. Hunt, of Montreal; Joseph P. Robinson, of Chicago, and Herbert Bradley, of New York.

Resolved, That special thanks are due to Messrs. Henkel and Stott, of the Detroit Millers' Committee, and to the management of Hotel Cadillac, for special entertainment features of this convention, and also to Mayor Maybury and President Carson, of the Board of Trade of the City of Detroit, for their generous welcome of our members and excellent treatment during our sojourn here.

ON THE DEATH OF PRESIDENT COOMBS.

Whereas, Since our last meeting death has removed from our councils a highly esteemed and honored member, William A. Coombs; therefore be it

Resolved, That it is with profound sorrow and deep regret that we record the loss of a member generally beloved and a man held in the highest esteem by every one who knew him. We realize that in the passing of the late Mr. Coombs the Winter Wheat Millers' League has lost one of its earliest and most steadfast members, and the milling trade a worthy and progressive representative

Resolved, That in view of his valued services to this organization and his exalted character as a miller and as a man, a special vote of sorrow be recorded in memory of him, and that a copy of these resolutions be made a part of the records of the Winter Wheat Millers' League, and that the same be engrossed and presented to his bereaved family by the secretary.

DELAYS IN EXPORT SHIPMENTS.

Your conference committee begs leave to submit for action of this convention the following resolutions:

Resolved, That the delay in export shipments has been due partially to ante-dating bills of lading, partially to speculation in freight rates, partially to ignorance as to the terms of contract on part of the shipper, and partially to congestion of export traffic;

That this convention holds the miller and the line agent responsible for antedating bills of lading; the railway agents for speculation in rates; the shipper for ignorance of contract terms and the traffic agent for congestion of business, due to booking more freight than their lines can accommodate;

That as a remedy this convention urges the following:

First—That the railway interest positively forbid its agents from ante-dating bills of lading or speculating in rates.

Second—That in making through freight bookings the shipper demand

a copy of contract as furnished by the ocean carrier, and that its terms and provisions be faithfully observed; and that shipments be made as early in the contract period as possible; and that steamship lines be duly advised of time of shipment from the mill. Further, that a uniform form of contract be adopted by the steamship lines.

Third—That lines offering contract for specified sailings with penalty be given preference on export shipments.

Fourth—That this convention considers it desirable that a conference be held in New York as early as practicable between inland and ocean carriers via all ports, with a view of adopting such measures as will enable both interests to possess full information regarding the location of traffic in transit for export; thereby promoting more regular and expeditious delivery to and shipment from the seaboard.

Fifth—That it is the sense of this convention that sixty days from actual date of shipment from mill until shipment from seaboard would represent a satisfactory movement of traffic originating west of the Mississippi river, and that forty-five days would represent a satisfactory movement from strictly all rail points east of the Mississippi river.

Sixth—That this organization appoint a permanent committee to confer with the inland and ocean carriers, and to take such further action as may be necessary in order to expedite export shipments.

Seventh—That a copy of these resolutions be sent to the transatlantic steamship lines, the various railway associations and the leading flour trade associations of Great Britain and Holland.

AUGUSTINE GALLAGHER,
T. S. BLISH, Chairman.
T. A. TAYLOR,
H. B. SPARKS,
THRUSTON BALLARD.

The committee on nominations will report the following:

President—M. H. Davis, Shelby, O.
First vice-president—David Stott, Detroit.

Second vice-presidents—S. P. Kerr, Winchester, Ky., and Herbert Bradley, New York.

Treasurer—Edgar Evans, Indianapolis, Ind.

Secretary—E. E. Perry, Indianapolis, Ind.

Members of Executive Committee—J. L. Knauss, Evansville, Ind.; Robert Hinkle, Detroit, and Charles L. Cutter, Toledo.

After the election of these officers the convention will adjourn to participate in the steamboat ride on the Detroit river, which will be the closing feature of the week's entertainment.

DETROIT, MICH., May 27, 1:57 p. m.—(By telegraph.)—The convention adjourned at 12 o'clock noon. Reports of the resolutions and conference committees were adopted.

The Detroit river excursion will take place at 2 o'clock. It is now raining hard, which may interfere with the pleasure of the occasion. The boat will sail rain or shine.

MILLERS' NATIONAL CONVENTION.

Secretary Frank Barry, of the Millers' National Association, has issued the following notice of the twenty-third annual convention of that organization, to be held in Chicago June 15:

The twenty-third annual convention of the Millers' National Association of the United States will be held at the Grand Pacific Hotel, Chicago, Ill., on Thursday, June 15, 1899, commencing at 11 o'clock a. m.

The programme for the convention will be announced by a later circular. It is hoped that members of this association will endeavor to attend and assist in making it a successful meeting.

Section 7 of the by-laws of the association reads as follows:

Sec. 7. The direction of the affairs of this association shall be vested in a Board of Trustees, acting through an executive committee known as the Board of Managers, as hereinafter set forth. The Board of Trustees shall be constituted as follows: There shall be as many trustees as there are states represented by membership in this association, and, in addition thereto, for each state represented by membership having an aggregate daily capacity in excess of five thousand barrels there shall be one additional representative in the Board of Trustees, for each full five thousand barrels of such excess daily capacity, as annually ascertained and fixed by the Board of Managers. The Board of Managers shall annually, and at least thirty days prior to the time for holding the regular annual meeting, ascertain the daily milling capacity of the mills in each state represented by the membership in this association; assign the number of trustees to be elected by the members on account of such capacity in excess of five thousand barrels, and cause the secretary to notify the members in each state, at least thirty days before the meeting for their election, of the number of trustees to which the membership of such state is entitled.

In compliance with this provision, I beg to inform you that the several states represented by the membership in the association are entitled to elect members of the Board of Trustees as follows:

Delaware	1	Montana	1
Dist. Columbia ..	1	Nebraska	1
Illinois	2	New Jersey	1
Indiana	1	New York	2
Iowa	1	Ohio	1
Kansas	1	Pennsylvania ..	1
Kentucky	1	Tennessee	1
Maryland	1	Texas	1
Michigan	1	Virginia	1
Minnesota	6	W. Virginia	1
Missouri	1	Wisconsin	1

The trustees elected at the last annual convention, held June 16, 1898, were as follows:

Delaware—Preston Lea, Wilmington.
District of Columbia—W. H. Tenney, Georgetown.
Illinois—C. B. Cole, Chester; B. A. Eckhart, Chicago.
Indiana—F. E. C. Hawkes, Goshen.
Iowa—Chas. Kuck, Charles City.

Kansas—D. Crosby, Topeka.
Kentucky—C. T. Ballard, Louisville.
Maryland—C. C. Macgill, Baltimore.
Michigan—W. A. Coombs, Coldwater.
Minnesota—C. A. Pillsbury, E. R. Barber, C. J. Martin, T. A. Sammis, of Minneapolis; H. C. Irwin, St. Cloud; B. Gerlach, Red Wing.

Missouri—S. R. Carter, Hannibal.
Montana—W. M. Atkinson, Great Falls.

Nebraska—James Vierigg, Central City.

New Jersey—A. L. Justice, Pedricktown.

New York—Geo. Urban, Jr., Buffalo; C. E. Angle, Rochester.

Ohio—M. H. Davis, Shelby.
Pennsylvania—Cyrus Hoffa, Lewisburg.

Tennessee—W. C. Myers, Nashville.
Texas—J. Reymershoffer, Galveston.
Virginia—Wm. Hurt, Lynchburg.

West Virginia—E. McCreary, Parkersburg.

Wisconsin—F. H. Madgeburg, Milwaukee.

The present board of managers of the association is as follows:

M. H. Davis, Shelby, O., acting president.

Geo. Urban, Jr., Buffalo, N. Y., second vice-president.

F. H. Madgeburg, Milwaukee, Wis., third vice-president.

C. J. Martin, Minneapolis, Minn., treasurer.

C. T. Ballard, Louisville, Ky.
C. B. Cole, Chester, Ill.

C. E. Angle, Rochester, N. Y.
C. A. Pillsbury, Minneapolis, Minn.

ARRANGEMENTS FOR OPERATIVE MILLERS' MEETING.

John E. Mitchell, T. J. Barry and J. B. Dobson, of the Entertainment Committee appointed by President Stack for the convention of the Fraternity of Operative Millers of America, to be held at Evansville, Ind., June 22, 23 and 24, met by appointment at Evansville Tuesday and spent the day in completing arrangements for the meeting.

The committee found that every hotel now open in Evansville is crowded to its capacity, and that all of them could not take care of the number expected at the convention, but, fortunately, the new St. George Hotel is almost completed, and the committee was informed that it would doubtless be ready for business before the date of the meeting. At any rate, this hotel guaranteed to accommodate a hundred delegates with rooms at \$1 per day, and if possible to have its dining room open by that time, to make a rate of \$2.50 per day, American plan. Manager Van Orman, of the hotel, was not in Evansville at the time the committee was there, and Chief Clerk Bailey, who made these rates, thought it not improbable Mr. Van Orman would name lower rates for the Operative Millers on his return. The committee will continue negotiations with this object in view.

Mr. Bailey promised the committee that the convention hall of the hotel will be fitted up for the millers, and it was decided by Messrs. Mitchell,

Barry and Dobson to make the St. George the headquarters for the convention. This they were authorized to do by the other members of the Entertainment Committee, who were unable to accompany them to Evansville.

The committee chartered the steamer Jewell, to leave Evansville at 7 o'clock the evening of June 23, going down the river to Henderson, Ky., and returning at any time before midnight. The Jewell is the best boat running out of Evansville, and for \$10 Captain Thompson promised to allow the Operative Millers and their friends the exclusive use of the boat at the time mentioned, carrying any number of passengers up to 500. The committee has arranged to have refreshments served on the trip and for music by an Evansville band.

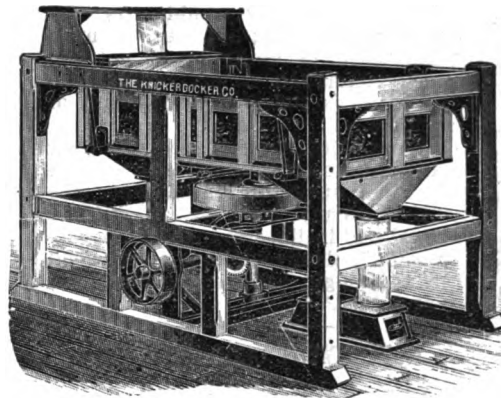
After making these arrangements the committee decided it would not be wise to go any further at the expense of the organization, but it being suggested that the local people might want to do something, the members of the committee secured a carriage and drove to every mill and mill office in the city, and requested both proprietors and head millers to meet with them at their hotel at 8 o'clock in the evening. Messrs. George P. Hileman and D. J. Foley, of Henderson, Ky., were also invited, over the long distance telephone, to be present. With one or two exceptions all invited were present at this meeting, more than twenty gathering, and the committee-men claim they were so delighted at the local interest shown that they furnished the very best wine and cigars the hotel afforded to their guests.

Mr. Ingleheart was made chairman of the meeting, and stated its objects. It was decided that on the evening of June 22 the local millers and mill owners would give the visitors an informal reception and smoker at the St. George Hotel, and that during the last day of the convention, June 24, between 9 a. m. and 5 p. m., the visiting millers would be driven in carriages to the various mills and through the principal streets of the city, a lunch being prepared at some cool resort in the suburbs of the city.

The local millers appointed a committee to carry out this programme, consisting of George P. Hileman, chairman; George Brose, J. L. Krause and Robert Ruskin. The delegates will be welcomed by the Mayor or some prominent citizen of Evansville, and everything that can be done by the Evansville people to make the meeting an enjoyable one throughout is assured.

Nordyke & Marmon Co., Indianapolis, Ind., write: We are having a great run on swing sifters and new mill orders. The orders are coming in fast from everywhere, and our shops are full of work. We are well fixed for filling orders promptly, and can take care of all that come. All our traveling men are busy.

The Wolf Co. has been awarded a contract for building the new 50-barrel mill of the Fairfield Oil and Fertilizer Co., Winnsboro, S. O., U. C. Darby having closed the deal.



Rotary Sieve, Scalper and Grader.

... MADE BY ...

THE KNICKERBOCKER CO.

JACKSON, MICHIGAN.

JOS. WAGNER MFG. CO., San Francisco, Cal., Agents for the Pacific Coast.

FOR scalping and grading purposes, there is no machine built that begins to equal the Knickerbocker Rotary from any standpoint. It is equipped with the best, most simple, and original device in existence for propelling the material over the horizontal sieves; is provided with an effective cloth cleaner, and taking it all round it is the best constructed and most durable and practical machine of its class on the market.

WRITE US ABOUT IT.

A RELIABLE BELTING HOUSE.

Every miller and elevator owner in the Kansas City trade territory who has ever had dealings with the English Supply and Engine Co. knows that the quality of the belting it sells is of the very best; and some who have been persuaded by less responsible agents to invest in cheaper belts have had cause to regret it. Belting is one of the most important articles that figure in the economy of mill and elevator operating, and unless a man is an expert judge of its quality he can be very easily deceived by tricky salesmen. Every one will admit that it is much more economical to pay a first class price for a first class belt than to have one palmed off upon him that has no lasting qualities and leaves the way open for a renewal of the belt in a very short time. It is a great satisfaction to deal with a concern whose word is as good as its bond, and that is precisely the reputation enjoyed by the English Supply and Engine Co., of Kansas City, and on which it has during the past fifteen years built up an immense trade in steam plants, belting and supplies. When you buy a belt of this concern you will know just what you are getting, and you'll get it quick.

EXPORT FEEDSTUFFS CONDITIONS.

A late letter of the Western Feed and Grain Co., of Chicago, to the trade will, we believe, be found of general interest by our readers, for which reason, with the permission of the Western Feed and Grain Co., we publish it in full, as follows:

"Since our last letter to the trade, May 6, general conditions did not change so as to warrant a resumption of the export business in North American mill feed. While mills are holding for rather high prices, considering the far advanced season, we find little or no inclination on part of European buyers to pay anything like these figures. Of course, stiffer ocean freights and still more declining grain markets are also greatly hampering business.

"Our latest mail advices from the other side report of sales, by American parties, of coarse wheat bran in small sacks, at \$16.30 per short ton, c. l. f., Hamburg, and even below for summer shipment; this information is in striking contrast to the figures which are reported here as being paid by sea-board exporters and others.

"So far as wheat bran is concerned, we do not feel bearish at all, however, judging from the lights before us, we cannot believe that a good business will become possible, unless mills should lower their present views for about 50c to 75c per short ton. There cannot be any doubt about it that there is an ample sufficiency of feed in the main importing countries of Europe, and consequently only reasonable prices will bring forth a brisk trade. We are having inquiries all along, especially for late summer and fall shipments; however, bids are generally from 75c to \$1 out of line. We feel justified in saying that a reduction of values, as mentioned above, would create a lively business.

"Of late, there has also been a good demand for standard middlings—unluckily, the same adverse circumstances as with wheat bran, prevent business in standard middlings for the time being at least. European buyers appear to be willing to pay the same prices for good qualities of standard middlings as they would pay for coarse wheat bran; however, we must admit that generally we do not find much inclination on part of mills to shade prices sufficiently to permit of business.

"Flour middlings and red dog flour remain quite considerably above ideas prevailing at present on the other side of the ocean; however, if millers should feel inclined to make some concessions in flour middlings a very good business might become possible in the near future."

GOVERNMENT CROP BULLETIN.

Telegraphic reports on crop conditions received Tuesday by the crop and weather service of the Department of Agriculture follow:

Mississippi—Showers Thursday; improved crops in northern and middle sections; moisture still deficient in southern section, which is badly in need of rain; temperature about 6 degrees above normal, nights warm and sunshine abundant. Corn is being worked; generally good stands. Oats is reported a failure in southern district.

Louisiana—Except small area in northern portion of State, where good rains fell on the 12th and 13th, the drouth continues; in southern portion cane, corn and cotton have good color, but are growing slowly. In the central portion corn, cotton, potatoes and all minor crops are suffering for rain.

Texas—Clear, warm week; splendid for killing grass and weeds and very favorable for crop growth, except over east coast, where drouth is doing serious damage. Corn is tasseling and silking in southern portion and making good growth generally. Wheat is maturing; harvest commenced in some localities; crop very irregular; wheat in "dough" needs rains in some sections.

Tennessee—Warm, dry weather, followed by rain and cooler, made conditions fairly favorable, but cool nights favored depredations of cutworms and other insects on corn and cotton which are considerably injured; much replanting of these crops necessary; they are, however, growing and well cultivated. Wheat is developing satisfactorily, but rust has appeared in northwestern counties.

Kentucky—Western section complains of too much rain, delaying work while eastern and central sections have progressed well. Wheat is improving in eastern section, but not doing so well in western, where it is heading too low. Corn is about all planted in eastern section, and doing well.

Missouri—Much corn planted during the week in western and southern sections and earlier fields cultivated, but in northeastern counties the ground is too wet to work. Cool nights and cold rains unfavorable for corn, and considerable complaint of poor stands.

Wheat is doing well where not infested with chinch bugs. Oats, flax, grasses and potatoes are also doing well.

Illinois—Work retarded by wet, cool, cloudy weather; several light frosts occurred without injury. Corn planting is well advanced and cultivation begun; stand only fair and much replanting necessary. Wheat unimproved; Hessian fly very damaging in twenty southern counties. Oats, pastures, meadows, gardens and potatoes excellent.

Indiana—Cool, generally cloudy weather prevailed, with a few local rains. Wheat is heading and promises a good early harvest in the southern, but in the northern portion the prospect is poor; the fly and rust are doing much injury. Corn most all planted, and most fields under cultivation; other crops growing well.

Iowa—The past week was cloudy and unseasonably cold, with a large excess of rainfall in central and southern districts; plowing and planting much delayed, and more than the usual amount of replanting will be necessary.

Nebraska—Reports a cold week, with heavy rains in the last half; grass and spring grain much improved by rain; corn planting mostly completed, and early planted coming up nicely; too cool for rapid growth and unfavorable for germination of corn.

Kansas—Fine rains and warmer weather improved wheat, corn, oats, pastures and fruits; some wheat and oats in Eastern counties injured by chinch bugs has been plowed up; corn coming up generally and being cultivated.

Oklahoma—Cotton planting completed, farm work under favorable conditions rapidly advanced; wheat in head, earliest in bloom, outlook for good crop improves daily; corn, oats and grass have done well.

Colorado—The drouth is unbroken except in the Platte Valley, and areas along the eastern border; high winds and cold nights continue; vegetation generally at a standstill, and work retarded; water supply inadequate in south central and Rio Grande sections; pasturage poor.

New Mexico—Continued high winds, cool nights, generally cloudy, but no rain; frost cutting alfalfa in the south; rivers low; irrigation water becoming scarce; range grass backward, and stock improving slowly; conditions getting serious.

The Lindsborg Mill and Elevator Co., of Lindsborg, Kan., is remodeling its mill to the gyrator system, with a capacity of 200 barrels, having contracted with The Wolf Co.

Sampel Farmer, of State Line, Pa., is building a new 50-barrel mill, and has placed a contract for some with The Wolf Co. for a gyrator system.

Nordyke & Marmon Co. recently received an order from Senor Thomas Rodriguez Perez, Bogota, Colombia, South America, for a buhr stone mill, bolter, Cranson Cleaner and a large quantity of mill supplies.

J. T. Metcalfe, Quincy, Pa., is increasing capacity and adopting the gyrator system at his mill at Five Works, Pa. The capacity will be 50 barrels.

ANTIQUITY OF WHEAT.

Wheat has been a familiar food seed, or grain, since the dawn of history, and its origin was everywhere regarded as a special gift of the gods. The Chinese, who cultivated it 2,700 years B. C., said it was a gift from heaven; the Egyptians regard it as a benefaction of Isis, and the Greeks of Ceres, who taught her favorite, Triptolemus, agriculture and the art of baking bread, while he in turn traveled through the world in the chariot of the goddess, distributing the "corn" to all the nations. The Egyptian monuments show that the grain was cultivated in the Nile valley before the invasion of the Shepherd Kings, while there is evidence that the first lake dwellers of Switzerland and other primitive peoples of Europe were consumers of this prince of cereals. The existence of a word for wheat in nearly all the languages of temperate Europe, Asia and Africa is evidence of its antiquity and universality.

DEPARTMENT OF AGRICULTURE
YEAR-BOOK.

The Year-book of the United States Department of Agriculture for 1898 is now in press, and will be ready for distribution this month. It is a volume of 768 pages, and is divided into three parts. The first part, as usual, consists of the annual report of the

Secretary of Agriculture for the fiscal year 1898, and covers the operations of the department for that year. The second part embraces miscellaneous papers, prepared with few exceptions by the chiefs of bureaus, divisions and offices of the department.

The appendix also contains the usual statistics relating to crops, prices of farm animals and farm products, the imports and exports of agricultural products and transportation rates; and in addition, brief articles showing the amount of the foreign trade of Cuba and the Philippines, methods of control of injurious insects, preparation and use of insecticides and other useful information.

AMONG THE MILL FURNISHERS.

F. A. Evans, New Richland, Minn., has ordered of Nordyke & Marmon Co., through Mr. James Pye, Minneapolis, one Swing Sifter, Scalper, stand of 7x18 rolls.

The Morgantown Milling Co., Morgantown, Ind., have added to their equipment a Nordyke & Marmon Co., three pair high roller mill and corn cleaner.

The Silver Lake Milling Co., Silver Lake, Minn., has purchased of Nordyke & Marmon Co., through Mr. James Pye, Minneapolis, Minn., a dust collector.

The contract recently let by J. W. Davis & Co., Homer, Neb., to Nordyke

& Marmon Co., calls for a complete new equipment, excepting the power plant. The mill will be on the Swing Sifter system, and will have 40 barrels capacity.

C. W. & J. Fisher Leake, Lewisburg, Ky., will remodel their mill to the Swing Sifter System. The contract was let recently to Nordyke & Marmon Co. Two Swing Sifters will be used.

Mr. E. S. Crowder, Sullivan, Ind., has ordered of Nordyke & Marmon Co. a Swing Sifter Scalper, Grader and Bolter, one 9x24 double roller mill and one dust collector.

Mr. A. C. Jones, Minnesota, Minn., has ordered of Nordyke & Marmon Co. through Mr. James Pye, Minneapolis, one Swing Sifter, one 7x24 double roller mill and one dust collector.

Wm. H. Kremer, Salem, Ind., has contracted with Nordyke & Marmon Co. for a 60-barrel Swing Sifter System mill.

SAN FRANCISCO.

SAN FRANCISCO, May 26.—(By telegraph.)—Flour receipts for the week amounted to 26,000 barrels. Exports of flour: Central America, 5,000 barrels; China, 12,000 barrels; Hawaii, 2,000 barrels; Japan, 1,000 barrels; Siberia, 1,000 barrels. Flour market, \$3.50. Exports of wheat, Cork, for orders, 126,000 bushels. Market, 66c.

HECKER-JONES-JEWELL
MILLING COMPANY
 NEW YORK CITY, U.S.A.
 CAPACITY, 11,000 BARRELS A DAY.
 FLOUR ALWAYS SHIPPED FRESH
 THE ONLY FLOUR MILLS IN
NEW YORK
 THUS ASSURING
PROMPT SHIPMENTS.
CHOICE
SPRING, BLENDED & WINTER
WHEAT FLOUR.

LONDON.

LONDON, May 26.—(By cable.)—Market quiet. Winter wheat patent, \$3.65; fancy, \$3.30; Kansas patent, \$3.65; spring wheat patent, \$3.80.

LIVERPOOL.

LIVERPOOL, May 26.—(By cable.)—Sales slow; market continues dull. Winter wheat patent, \$3.80; extra fancy, \$3.45; Kansas patent, \$3.45; spring wheat patent, \$3.70.

NEW YORK AND EASTERN STATES.

NEW YORK, May 26.—(By telegraph.)—The developments in the flour trade the past week have been very disappointing in view of the strength of wheat. Asking prices on flour of all grades have been put up, and are held at full figures but the trade is disinclined to pay any advance. The result of this condition of affairs is for asking prices to be held from 5@15c over buyers' views, and very little is sold except in small lots, with a good portion of this trade nearer the bid price than the asked. Locally, the flour trade has not responded to the rise in wheat, and to sell, but little more money can be obtained than when wheat was several cents lower. On the other hand, forced buyers have to pay full figures, but there are very few forced buyers. The dealers do not seem to be impressed with the damage reports regarding wheat, looking at them as of speculative importance rather than of actual condition. Such an opinion may be changed later, but the present result is to produce a very flat market. Exporters are indifferent.

The trade in rye flour is very quiet, with the market barely steady. Sales are small lots, with no energy to the demand. Prices are ranging from \$3@3.40 for extreme figures. The wind-up for the week is quite firmly held with the advance in wheat.

CHICAGO AND CENTRAL STATES.

CHICAGO, May 26.—(By telegraph from Montague & Co.)—During the past week the local demand for flour has slightly improved, but only for local stocks at low prices, the trade refusing to meet millers' views to arrive. A few lots have been worked for export, but export bids are still too low. Winter wheat patents, \$3.65@3.75; winter wheat straights, \$3.35@3.40; hard spring patents, \$3.70@3.80; spring bakers, in sacks, \$3.50@3.60; rye flour, in sacks, \$3.70@3.90.

MINNEAPOLIS AND THE NORTHWEST.

MINNEAPOLIS, MINN., May 26.—(By telegraph.)—Trade is slow, neither foreign or domestic buyers being disposed to take hold on the present advance. The sales being made aggregate a fair amount daily, but millers call the market very dull. First patents, \$3.75@3.85; second patents, \$3.55@3.65; first clears, \$2.80@3.

BOSTON.

BOSTON, MASS., May 26.—(By telegraph from J. Walter Sanborn & Co., millers' agents and flour, grain, hay and produce merchants.)—There is quite an improvement in the asking prices for flour, which do not seem high compared with wheat, but when an article is not wanted, prices don't cut any figure. Under present wheat conditions, if any dependence can be placed on crop reports, it would seem that prices were low enough, but when speculators manipulate to their fancy it is difficult telling where we are. It is difficult selling or drawing offers at much advance over last week's quotations. Spring wheat patents, \$4@4.30; clear, \$3@3.20; winter wheat patents, \$3.85@4.25; straight, \$3.60@3.90; clear, \$3.50@3.70.

NASHVILLE AND SOUTHEAST.

NASHVILLE, TENN., May 26.—Flour trade has shown a healthy improvement and the output of mills has been increased this week. Quotations have been advanced 10c, patent, \$3.85; straight, \$3.55; extra fancy, \$3.45; fancy, \$3.15; choice, \$2.75. Wheat receipts are more liberal, farmers showing a disposition to sell. Wagon wheat, 71@72c; carloads, 72@74c; with reshipping privileges, 74@76c. Cornmeal active, bolted, 92c; pearl, \$1.10; grits, \$2.50. Corn receipts equal to demand, good Western milling, 42c; local, 40c.

The new mill at Owentown, Ky., is nearing completion.

James Compton is arranging to build a large grist mill at Monastery Bridge, near Long Lick, Ky.

J. P. Stringer, of Section, Ala., is putting up a building for a new flour mill at that place.

William Farless, of Providence, Ky., has purchased a site in Madison, Ky., to erect a new flour mill.

W. T. Anderson, of Dickson, Tenn., has taken out a permit to build a 75-barrel flour mill at that place.

Fox Bros. & Alex Wells have purchased lumber to build a 75,000-bushel grain elevator in connection with their mill at Union City, Tenn.

B. Kirk Rankin, editor of the Dixie Miller, and E. P. Bonson, vice-president of the Cumberland mills, have gone to Detroit to attend the meeting of the Winter Wheat Millers' League.

The news comes that Harriman, Tenn. and Swansea, S. C., are to have each a large flour mill this summer, but no names are mentioned in connection with the project at either place.

The Cumberland mills, Nashville, report: Business is steady, but no marked change. We are resetting our boilers this week and have not run full time. We will resume operations next week, and hope to be able to run full time the rest of the season.

The Liberty mills, Nashville, report: Business has shown a marked improvement this week. We have been running full time. We have no difficulty in securing all the wheat we need, as farmers are evincing a great-

er desire to sell. We are sold ahead on both meal and bran, and prices of both continue firm.

The Model mills, Nashville, report: Trade is somewhat better this week. We have been running full time and are selling considerable stuff, but not all of our output, as we are trying to accumulate in order to shut down by the middle of next week to begin putting in new machinery. Our bran trade is holding up well, but prices are a shade lower. Flour prices have firmed up steadily for the week on account of the strength wheat is developing.

G. T. HALLEY.

MEMPHIS.

MEMPHIS, TENN., May 26.—(By telegraph from E. C. Buchanan & Co., flour, grain and feedstuff merchants.)—We have no change to report in conditions here this week. The flour market has been very quiet, with prices in buyers' favor, and there has been considerable disposition on the part of millers to sell flour. The following is about the range of prices: Choice patents, \$3.55@3.75; bakers, \$3.20@3.40; cornmeal, \$1.75; sacked meal, 10@15c less.

ATLANTA.

ATLANTA, GA., May 26.—(By telegraph from George W. Brooke, flour, grain and feedstuff merchant.)—Soft winter wheat patents, \$3.80; extra fancy, \$3.50; spring wheat patents, \$4. Demand fair.

CHARLESTON.

CHARLESTON, S. C., May 26.—(By telegraph from F. W. Wagoner & Co., flour, grain and feedstuff merchants.)—The flour market is quiet, with prices advanced 5@10c from a week ago. Quote: Tennessee patents, \$3.80; straight, \$3.50; spring wheat patent, \$4.15; bakers patent, \$4.20.

ROME.

ROME, GA., May 26.—(By telegraph from H. D. Cothran & Co., flour, grain and feedstuff merchants.)—Demand for flour is slightly better; quotations advanced 10c from a week ago. Winter patent, \$3.95; straight, \$3.65.

SAVANNAH.

SAVANNAH, GA., May 26.—(By telegraph from M. Fersts' Sons & Co., flour merchants.)—Flour trade this week has been fair, with light demand. Ruling prices are: Winter wheat patents, \$4.05; fancy, \$3.85; straights, \$3.60; spring wheat patents, \$4.40; bakers, \$3.95; low grades, \$3.35.

Harlan, Iowa, is to have a new flour mill of 50 barrels capacity. Messrs. Standing & Fink of that place have let their contract to Nordyke & Marmion Co. The mill will be on the Swing Sifter System.

ST. LOUIS

ST. LOUIS, May 26.—Receipts of flour amounted to 21,920 barrels for the week ending to-day and including last Saturday, as compared with 20,445 barrels the same time last week, and 27,108 barrels last year. Shipments for the week were 24,815 barrels, as against 37,663 barrels last week, and 28,736 barrels for the corresponding week in 1898.

The trade in flour this week was distinctly disappointing, in the face of the more favorable conditions developed in the wheat market. The domestic trade showed some improvement, yet the sales were of a hand-to-mouth character, indicating that the sentiment in favor of higher prices was by no means universal nor pronounced.

The foreign trade failed to respond to the advance on this side, and few sales were made to the United Kingdom, the continent or Baltic ports; yet there was the usual business with Cuba and South American points, which take a certain amount of flour regularly, regardless of the condition of the market. That foreign buyers are not altogether indifferent to the conditions existing on this side was indicated by some of the bids received, which, however, did not come up to the ideas of sellers. Ocean rates were unchanged. They were weak to some ports, but as they were already uniformly low, no reductions were made.

The quotations are 5c higher than last week, and are as follows: Patents, \$3.75@3.85; straights, \$3.40@3.50; clear, \$3.10@3.25; medium, \$2.75@3; low grade, \$2.25@2.50.

The output for St. Louis mills for the week ending May 27 was 25,000 barrels, against 27,000 barrels last week and 32,100 barrels the corresponding week last year.

R. E. Palmer, Princeville, Ill., contemplates putting a feed grinding plant in his elevator.

Frank J. Becker, of the Galveston Star Mills, Galveston, Tex., spent the week in St. Louis.

W. J. Sullivan & Bro., Canton, Ill., will remodel their 60-barrel mill to the plansifter system.

C. B. Cole, of Chester, Ill., was a St. Louis visitor Wednesday. He reports crop conditions good in that section.

George Goetting, of Altamont, Ill., and John Koenigsmark, Waterloo, Ill., were among millers on 'Change early in the week.

S. C. Bartlett & Co., Peoria, Ill., have awarded a contract for two small elevators, one at Berwick and one at Phelps, Ill.

Robert Adams, one of the best known millers in this section, now operating a mill at Steeleville, Ill., was a St. Louis visitor Wednesday.

Marc J. Gantier, the official market reporter for the Merchants' Exchange, was able to resume his duties on Thursday, after several days' sickness.

On Tuesday last 50,000 bushels of May wheat was settled out at 71¼c. About all of the May wheat was set-

tled out during the week, and the promised lively tilt in that option did not come.

The New York Produce Exchange voted to close Monday and Tuesday next, the latter being Decoration Day, but as Chicago will only close on Tuesday, the Western markets will take only one day off.

Julius Elsenmayer returned to St. Louis Wednesday from Rolla, Mo. He will move his family to that city early next week, and on June 1 will take charge of the Rolla roller mills.

Henry P. Newman, a grain importer of Hamburg, Germany, was a visitor on 'Change this week. He reports crops conditions in Germany were good, according to his latest advices.

Application for incorporation was filed on Thursday by Zimheld-Glosemeyer Flour Co.; capital, \$10,000, fully paid. The stockholders are Joseph Zimheld, W. H. Glosemeyer, M. F. Dunlap and E. W. Woods.

T. B. Andrews, of the Eagle mills, Memphis, Tenn., was in St. Louis a few days the latter part of this week. He stated it was as yet undecided whether the Eagle mills, which were recently burned, will be rebuilt.

James M. Franciscus, one of St. Louis' oldest business men, who is nearing his ninetieth birthday, is reported to be a very sick man, and his many friends fear he will not be able to pull through this, his first spell of sickness of any consequence.

F. P. Rush, a leading grain dealer of Indianapolis, Ind., was on 'Change Tuesday. He believes the prospects for wheat in Indiana have been reduced one-half during the past two weeks, and looks for a yield of 20,000,000 bushels as a maximum.

President Kennett has appointed the following delegation to represent the Merchants' Exchange at the meeting of the Transmississippi Commercial Congress to be opened at Wichita, Kan., May 31: D. R. Francis, E. O. Stanard, Henry R. Whitmore, Alex H. Smith and Sylvester Waterhouse.

R. P. Charles, a well-known bolting cloth dealer, of New York City, was in St. Louis the fore part of the week. He was en route to the Pacific coast, and after visiting California, Oregon and Washington, will return east via St. Louis in about two weeks, stopping for a few days in this city.

St. Louis again led the advance in wheat, and the bull fever, which started here, is spreading rapidly to all parts of the country. Buying orders from country points were received in large numbers, showing the disappointed farmers are wanting to insure against a small wheat crop, which now seems a certainty.

The repairs to the plant of the Hunter Milling Co., Wellington, Kan., which have been in progress for the past four weeks, will be finished within a few days. The three double stands of 6x20 rolls are being replaced with two 9x30 and 19x24 of the Edward P. Allis Co. make, and two Reliance purifiers, making a full system four-break mill.

Arthur Leask, who has been for many years connected with the well-known Chicago commission firm of

Baldwin, Gurney & Co., was visiting his numerous friends on 'Change in St. Louis a few days this week. He will be connected with the commission firm of J. T. Harris & Co., Chicago, after the retirement of Baldwin, Gurney & Co. from business, June 1.

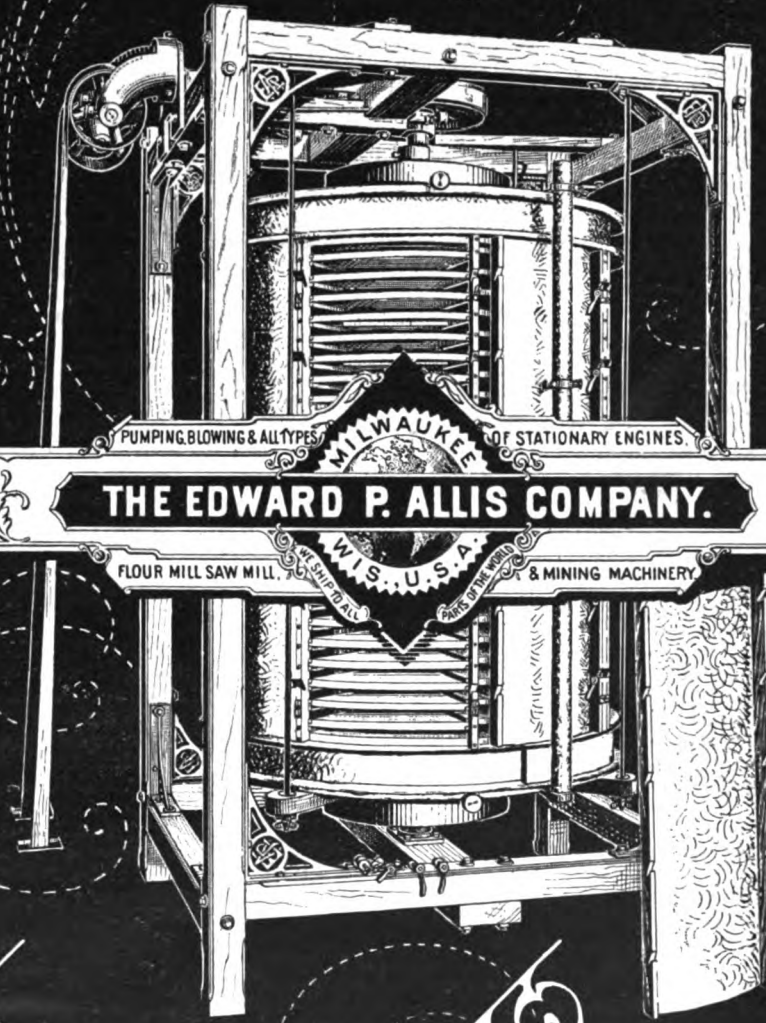
There are some very good male voices on the Merchants' Exchange, and the members are entertained several times during the week. Prominent among those who exercise their musical talent may be mentioned Wm. K. Stanard, of the E. O. Stanard Milling Co.; Sam Plant, of the Geo. P. Plant Milling Co.; W. H. Jones, local representative of Washburn-Crosby Co.; J. Bogy Taylor, Wm. P. Howard, Jr., and E. P. Macy, the latter three prominent grain dealers. There are many other members who are acknowledged singers, and the Merchants' Exchange Glee Club should certainly be encouraged.

Mrs. George H. Plant, wife of the president of the George P. Plant Milling Co., died last Friday evening at the family mansion, 3643 Washington Boulevard, St. Louis. For several years past Mrs. Plant had kept in the house, an invalid, and it was more a gradual weakening than any acute illness that caused her demise. She was the daughter of Col. A. R. Alton, one of St. Louis' best known citizens, who died a short time ago. As Miss Easton she married Mr. Plant in 1869. Of the union three children survive—a daughter, Mrs. Harry J. McCormack; a son, Samuel, and another daughter, Alby, whose marriage to Mr. Monroe Horton is a fact of recent memory. The funeral was held Sunday afternoon from the family residence. Interment in Bellefontaine cemetery.

QUINCY.

QUINCY, ILL., May 26.—During the past week the temperature has ranged between 40 and 76 degrees above zero. During this same period we have had a rainfall of 2¾ inches, resulting in farm work being almost suspended for the past ten days. While meadows and upland wheat fields are doing fine, too much rain and cool weather has set back the growing corn and other spring vegetation, and unless a change takes place in this territory soon the corn and oats crop will be cut very short. The bottom farms, where the best wheat fields are situated, are again threatened with overflow from the Mississippi river, which is now bank full, and with a few days more of such weather as we have had for the past ten days thousands of acres of the best wheat in this section will be submerged and entirely killed. Wheat receipts for the past week have been about the same as for the past month. There is considerable coming to market when farmers can not work in the fields. Millers are paying 72c per bushel for No. 2 red winter wheat; 55@58c for No. 3; 53@55c for No. 4; rye, 50c; corn, 39@40c; oats, 30@31c. Millers are holding the prices of flour steady at the following range: High patent, \$4 per barrel; extra fancy,

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THE EDWARD P. ALLIS COMPANY.

WIS. U.S.A. & MINING MACHINERY

FLOUR MILL SAW MILL

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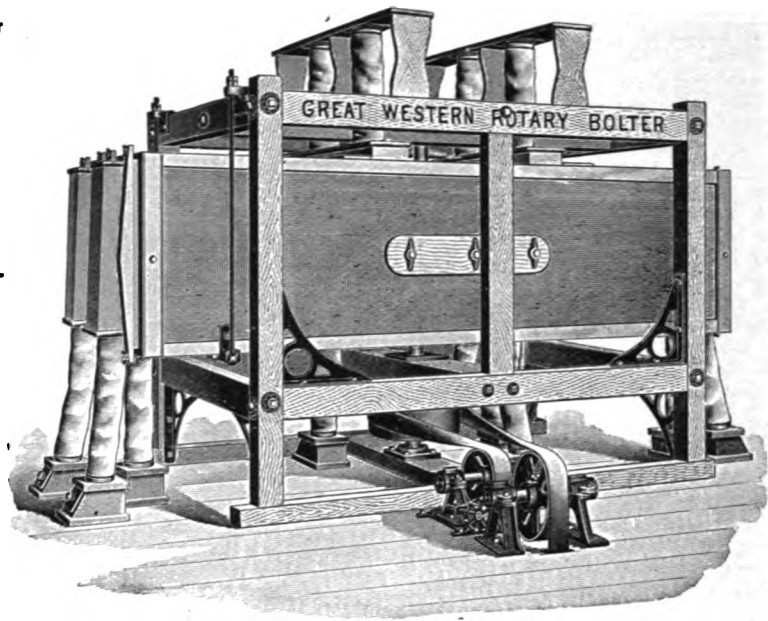
Sanford, Tenn APR 11 15, 1890

Yours very truly,
Model Mill Co.,
By J. H. [Signature] Secy

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**THE
GREAT
WESTERN
ROTARY
BOLTER.**

**For Sieve
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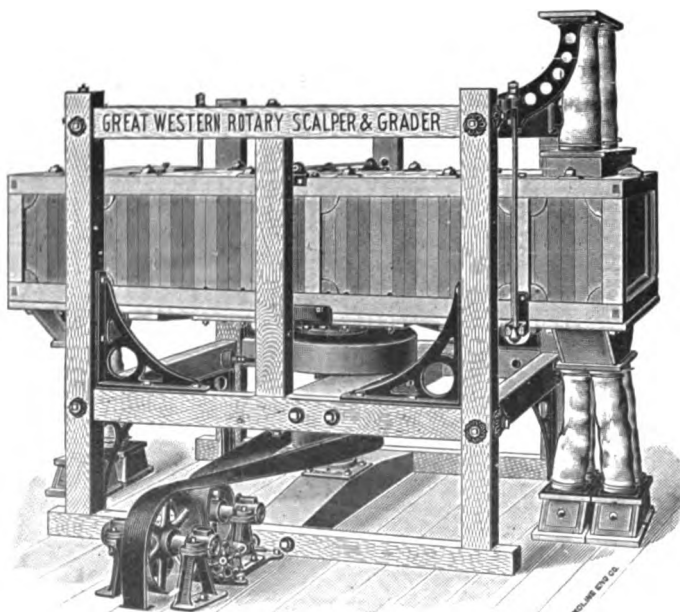


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**A SUPERB SCALPING AND
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The Great Western Rotary Scalper and Grader.



THIS machine is designed for scalping and grading, and makes either three or four separations of any reduction, from either smooth or corrugated rolls, and can be furnished to handle from one to five reductions. Send for Circulars, Prices, Etc.

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MILL BUILDERS AND FURNISHERS,

LEAVENWORTH, KANS.

Joseph W. Wilson, Agent. P. O. Box No. 962 Salt Lake City, Utah. Kansas City, Mo., Office: Great Western Mfg. Co., No. 1221-1223 Union Avenue.

\$3.80; hard wheat straight, \$3.80; retail, 20c per barrel higher. Bolted meal, in bulk, \$1.10, and sacked, \$1.20 per hundred.

The Farmers' mill is running light on local business.

Dick Bros.' Milling Co. report that trade conditions remain steady.

The City mill has been down since last Saturday with a broken engine.

Pape & Loos are making some changes to the machinery in the Acme mill this week.

David Long, of the Gem mill, reports a very satisfactory business in all supplies handled by him.

James L. Taylor, of Taylor Bros. Milling Co., has gone to Detroit to attend the convention of the Winter Wheat Millers' League.

E. E. Hollister, who has been head miller and superintendent of Taylor Bros.' 2,000-barrel mill of this place for the past twelve years, has organized a company and will build a 150 to 200-barrel mill at Meredosia, Ill. It will be modern in all of its appointments, and will be one of the most complete mills in the state. It is expected the mill will be ready to run by August 1.

HANNIBAL, MO.

The Hannibal Milling Co. reports trade steady, with mill running day time.

Carter, Shepherd & Co. report trade rather quiet, mill running day time.

Pindell Bros. & Co. report trade unchanged, with prices the same.

In summing up the crop and milling situation for the last week of May there is nothing of importance to say for this territory. The condition of the growing crops is not much different from that of former seasons at this time of the year, with the exception that spring crops were planted some ten to fifteen days later than for average seasons, but as there has been a great deal of fine growing weather since planting began, conditions on the whole are about normal, with one or two exceptions.

W. D. HOLLISTER.



KANSAS CITY, MO., May 26.—(By telegraph.)—There is a great improvement in the market for wheat, and flour is consequently quoted higher, but at the same time there is no particular activity noticeable in the market. Prices are held higher, but the product finds a slow and difficult sale. The export trade still languishes, while the domestic inquiry is not what it should be, according to the local millers. Quotations are relatively higher than last week and are about as follows: Soft wheat per barrel patents, \$3.60@3.70; straights, \$3.30@3.50; extra fancy, \$2.95@3.10; low grades, \$1.60@1.70; hard wheat patents, \$3.25@3.35; straights, \$2.80@2.90; bakers, \$2.10@2.25; low grades and city mills, 30@50c higher per barrel.

C. H. Mossman, Olathe, Kan., was in this city this week looking after his interests here.

W. F. Middlecoff, of Clinton, Mo., was in the city this week, and does not speak very encouragingly of the wheat crop in his vicinity.

R. L. Patterson, of Smithville, Mo., was in Kansas City this week. Mr. Patterson is quite a regular buyer in the Kansas City market.

J. E. Kramer, of the Kramer Milling Co., Wellington, Kan., was on 'Change this week. He reports their mill running full time, with good local and domestic trade.

C. R. Milbank, the miller, of Kirksville, Mo., was in Kansas City this week, buying some wheat for his mill. Mr. Milbank now operates two or three different mills.

T. D. Hammett, secretary of the Crosby Roller Mill Co., Topeka, Kan., was on 'Change this week. He reports a good local and domestic trade, but export trade very dull.

A. E. Mosier, mill builder of Kansas City, has secured the contract for the new mill at Arkansas City, Kan. It is reported that the competition to secure this contract was very sharp.

W. O. Everett, representing the Wolf Co., Chambersburg, Pa., was in and out of Kansas City two or three times this week. Mr. Everett is a very busy man looking after his firm's interests.

C. V. Toppling, of Enterprise, Kan., spent two or three days in Kansas City last week, and reports that he believes there is more damage done to the wheat crop than is realized by most persons.

Among the visitors this week to Kansas City was B. F. Yohe, the well-known miller of Douglass, Kan. He is a firm believer in considerable damage being done to the wheat crop in his vicinity.

It is reported upon good authority that quite a large amount of flour was consigned some time ago to European ports from Kansas points which has affected the sales of flour in Europe; in fact, consignments are very numerous and heavy.

All the mills in the West contemplate running much stronger from now on, and it looks at present as though their business would be much better. It is to be hoped that this is true, for the mills have been idle a great deal of the time for some time past.

The R. T. Davis Mill and Manufacturing Co., St. Joseph, Mo., report their mill running full time. Business has been good with them for some time past, especially on export trade, of which they are making a strong feature, and building it up as fast as possible.

C. Waller, of Delft, Holland, who is a distiller and yeast manufacturer, was in Kansas City this week studying the planting and growing of corn. He contemplates a much larger trade in the future on corn from this country to Holland.

PHILIP E. BURROUGH.

CHICAGO, ILL., May 26.—(By telegraph.)—Millfeed slow; bran, \$10.50@11 in bulk.

FEEDSTUFFS.

ST. LOUIS, May 26.—The mills in this section are running on such short time that they are making little bran, and millers try to sell their output on direct orders or to the city trade, as they can realize more money in this way. Shippers paid 50c for small and 57c for large sacks of bran on basis of East track, or at lake and rail points. Bulk bran at country points sold at 52c. Sacked in a jobbing way from mills at 58@60c.

QUINCY, ILL., May 26.—(By telegraph.)—The demand for bran and shipstuff is not as strong as during the first part of the month, but as the offerings are light the prices remain the same. Wholesale, bran, \$13; and shipstuff \$14 per ton. Retail, bran \$14, and shipstuff \$15 per ton; chopped corn, 80c per hundred; chopped corn and oats, 90c per hundred.

NASHVILLE, TENN., May 26.—(By telegraph.)—Demand for feedstuffs is less active, with tendency toward lower prices. Bran, \$12.50@13; shipstuff, \$13.50@14.50. Western corn, 42c; local, 40c.

SAVANNAH, GA., May 26.—(By telegraph from W. D. Simpkins & Co.)—Grain and feedstuff market is dull. We quote: Pure wheat bran, sacked, \$15.20; white corn, sacked, 50c; No. 2 mixed corn, 49c; No. 2 oats, 36c all rail, 35½c rail and water; No. 1 timothy hay, \$15.50.

CHARLESTON, S. C., May 26.—(By telegraph.)—White corn, 50c; white clipped oats, 40c; No. 2 mixed oats, 37c; all sacked; No. 1 timothy hay, \$13.25; No. 2, \$12.75.

ROME, GA., May 26.—By telegraph.—White corn, bulk, 48c; firm.

ATLANTA, GA., May 26.—(By telegraph.)—Bran, \$15; white corn, 49c.

BOSTON, MASS., May 26.—(By telegraph.)—Millfeed firmer, fair demand; bran, \$15@16.75; middlings, \$15@15.75, according to quality; mixed feed, \$16@17.50.

KANSAS CITY, MO., May 26.—(By telegraph.)—The bran situation is very weak. To-day 100 pound sacked bran sold in Kansas City as low as 53c Kansas City, and a drag on the market at that. Other feedstuffs are as follows: Corn chops, 100 pound sacks, 63c; corn and oat chops, 100 pound sacks, 55c; hominy chops, 55c. The demand for these goods is very poor.

SAN FRANCISCO, CAL., May 26.—(By telegraph from T. C. Friedlander.)—During the first two weeks of this month wheat was hurt by hot weather, but for the past ten days the weather has been very favorable. Present conditions indicate a crop of 850,000 tons.

PORTLAND, ORE, May 26.—(By telegraph from Leo Peterson.)—Wheat is from four to six weeks late, but present conditions are satisfactory. It will require late autumn to harvest dry and uninjured.

LEADING MILLS OF ILLINOIS

SPARKS MILLING CO.,
ALTON, ILL., U.S.A.

OUR FACILITIES for handling the Cuban trade are complete. Write for prices to our home office or to our branch in Havana, Cuba.

H. L. HALLIDAY MILLING CO.,
Manufacturers of **GUARANTEED PURE WINTER WHEAT FLOUR,** Cairo, Illinois.
AND DEALERS IN GRAIN, HAY, MILLFEED AND SALT.
Capacity, 800 barrels daily.
Our Leading Brands are: SYLPH, Patent. CLEOPATRA, Extra Fancy.
Correspondence Solicited.
Our grain receiving and storage facilities and shipping advantages are unsurpassed.

Columbia Star Milling Co., MANUFACTURERS OF THE CELEBRATED
COLUMBIA STAR BRANDS "Belle of Monroe," "Pride of Columbia."
SUCCESSORS TO HENRY HUOH. Foreign and Domestic Correspondence Solicited. CAPACITY, 500 BARRELS. COLUMBIA, ILL.

Established 1861. Capacity, 600 Bbls. Daily.
REICHERT MILLING CO.,
Manufacturers of
Pure Soft Winter Wheat Flour.
PLANSIFTER SYSTEM.
...FREEBURG, ILL., U. S. A...

SOUTHERN ILLINOIS MILLING CO. Capacity, 500 Barrels.
--- MANUFACTURERS OF ---
PURE RED WINTER WHEAT FLOUR.
FOREIGN AND DOMESTIC BUSINESS.
MURPHYSBORO, ILL., U. S. A.

1875-1898. CAPACITY, 800 BBLs.
SCHULTZ, BAUMAN & CO.,
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PURE SOFT WINTER WHEAT **FLOUR**
for Domestic and Foreign Trade.

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Manufacturers of ...
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Manufacturers of High Grade Winter Wheat Flour.
Huegely's Best, Washington, Huegely's Eagle, Lily or Egypt.

PINCKNEYVILLE MILLING CO.,
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Fine Winter Wheat Flour
PINCKNEYVILLE, ILL., U. S. A.
Capacity, 500 Barrels.

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Capacity, 400 Barrels.

H. C. Cole Milling Co., Chester, Illinois
Manufacturers of Pure and Uniform **RED WINTER WHEAT FLOURS**
Capacity, 700 Bbls.
BRANDS:—"Omega," "Theta," "Cole's Mills," "PPF," "Comfort," "Dianara."

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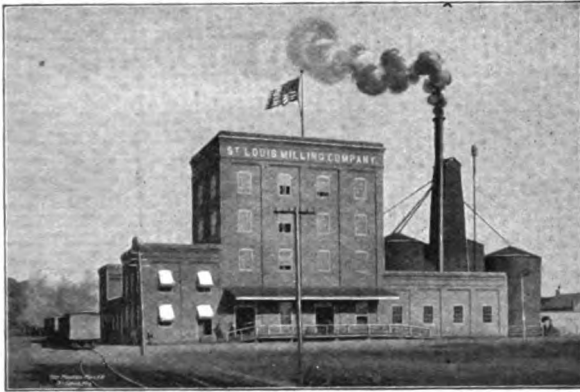
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FINEST WINTER WHEAT FLOURS.
E. St. Louis, Ills.
Capacity, 800 barrels.
Commenced business 1868.



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MANUFACTURERS OF ...
High Grade Flour from Best Winter Wheat.
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 ESTABLISHED 1856.

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CARLINVILLE, ILL., U. S. A.

FINE WINTER WHEAT FLOUR.

 Registered Brands { **ANITA,
WHITE SILK,
PRINCESS ANNE,
PURITY.**

FINEST HARD WHEAT PATENT

Searchlight.

 We also Manufacture HIGH GRADE CORN
 GOODS of All Kinds.

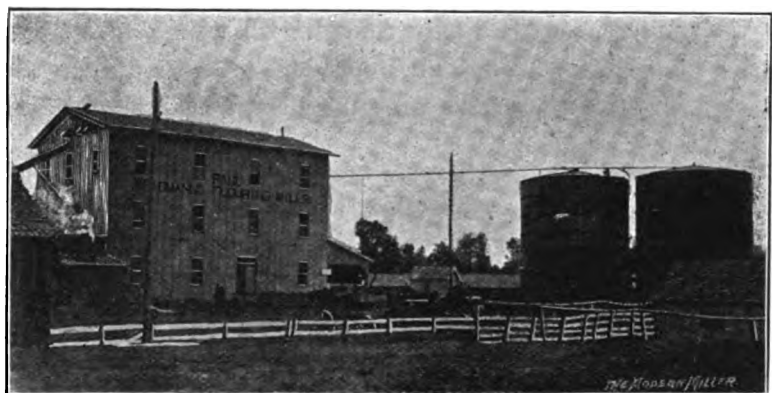
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GOODS,**
**HIGH GRADE BREWERS'
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A SPECIALTY.**
**Also Corn Flour and
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THE WINFIELD ROLLER MILLS,

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WINFIELD, KAN.

We make a strictly pure, high grade, unadulterated Flour from the best selected Kansas Wheat. YOUR TRADE SOLICITED.

Goodlander Milling Co.,

Manufacturers

HIGH GRADE KANSAS FLOUR.

CORRESPONDENCE SOLICITED.

FORT SCOTT, KANS.

"Goodlander Flour makes the Best Bread."

Stafford Milling & Elevator Co.,

STAFFORD, KANSAS, U. S. A.

Finest Kansas Hard Wheat Flours.

FOREIGN AND DOMESTIC
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SAMPLES SUBMITTED.

Capacity 400 barrels.



CAPACITY 600 BBLs. DAILY
E. HOFFMAN & SON,
ESTABLISHED 1868
ENTERPRISE, KANSAS. MILLERS
FOREIGN & DOMESTIC TRADE SOLICITED.

Halstead Milling & Elevator Co.,

HALSTEAD, KAN., U. S. A.

KANSAS HARD WHEAT FLOUR.

Daily Capacity 400 barrels. Correspondence solicited and samples submitted.

B. WARKENTIN, MANAGER.
Cable Address, "Warkentin."

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MANUFACTURERS OF

Kansas Hard Wheat Flours.

Export and Domestic Trade Solicited.

TOPEKA, KAS., U. S. A.

Rea-Patterson Milling Co.,

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PURE WINTER WHEAT FLOUR.

Correspondence Solicited and Samples Submitted.

Daily Capacity, 800 Barrels. COFFEYVILLE, KAN., U. S. A.

Correspond With . . .

LARKIN SONS,

PROPRIETORS OF THE

ELLSWORTH ROLLER MILLS,

ELLSWORTH, KANS.

EXPORT.

HARD WINTER WHEAT FLOUR.

DOMESTIC.

ESTABLISHED IN 1879.

INTER-OCEAN MILLS,

WILLIS NORTON & Co.,

Pure Kansas Hard Wheat Flour.

Correspondence solicited from foreign and domestic buyers.

TOPEKA, KANSAS.

The Kelley & Lysle Milling Co.,

MANUFACTURERS OF

HIGH GRADE . . FLOUR,

WINTER WHEAT FLOUR,

LEAVENWORTH, KANS.

NEWTON MILLING & ELEVATOR CO.,

MANUFACTURERS

OF

KANSAS Hard Wheat Flour

Capacity, 600 barrels daily. Cable address, "Warkentin." Domestic and Foreign correspondence solicited. Samples submitted. B. Warkentin, Manager. NEWTON, KAN., U. S. A.

Mill Entirely New. Capacity, 700 Bbls.

MID-CONTINENT MILLS.

THOS. PAGE, PROPRIETOR.

NO. TOPEKA, KAN.

Soft Wheat Brands, Hard Wheat Brands,
BIG FOUR, CLIMAX,
GOLDEN ROD, BUTTERFLY,
PRAIRIE FLOWER. GOLDEN LINKS.

Arkansas City Milling Co.,

KANSAS FLOUR.

For domestic and foreign trade.

Daily capacity, 1,000 bbls.

Correspondence invited.

ARKANSAS CITY, KANSAS.

CAPACITY 800 BBLs.

Bowersock Milling Company,

DOUGLAS COUNTY MILLS.

WINTER WHEAT FLOUR.

PACIFIC MILLS
WHOLE WHEAT FLOUR
RYE FLOUR & CORN MEAL
800 BBLs.

Water Power to Lease.

LAWRENCE, KANS.

TO

KANSAS CITY

There are no night
trains like the
Burlington's

8:45 p. m. limited.

Wide vestibuled,
Pintsch lighted
throughout, with
free chair cars,
compartment and
standard sleepers.

Burlington
Route

NEW PRAGUE FLOURING MILL CO.,

NEW PRAGUE, MINN.

MANUFACTURERS OF THE CELEBRATED

SEAL OF MINNESOTA

A high grade, strong, well milled spring
wheat flour.

Mills at New Prague and Blue Earth City, Minn. MAIN OFFICE
NEW PRAGUE, MINN.
Capacity, 1200 barrels daily.

We invite correspondence from any territory.



Are You In Line For **DOMESTIC OR FOREIGN**
Business?
Write The Modern Miller.

LEADING MILLS OF TEXAS, ARKANSAS AND OKLAHOMA.

CAMERON MILL AND ELEVATOR CO.

DAILY CAPACITY, **2,000 Bbls.** **FORT WORTH, TEX.** Cable Address: **"CAMERON."**
THE LARGEST MILL IN TEXAS.
HARD AND SOFT WINTER WHEAT FLOUR.

ESTABLISHED 1857.

E. O. STANARD MILLING CO.,
ST. LOUIS, MO., U. S. A.

PROPRIETORS OF
ALTON CITY MILLS,
ALTON, ILL.

PROPRIETORS OF
EMPIRE MILLS,
DALLAS, TEX.

Daily Capacity, 5,000 Barrels. **Manufacturers of... HIGHEST CLASS Red Winter and Hard Wheat Flours.**
 Wheat Elevator capacity, 600,000 Bushels. **General Offices, ST. LOUIS, MO., U. S. A.**
 Correspondence solicited. Write for samples and prices. Members Winter Wheat Millers' League. Cable address: "STANARD," St. Louis.

DIAMOND MILL CO., Manufacturers of High Grade Winter Wheat Flours.
 CAPACITY, 400 BARRELS DAILY. **SHERMAN, TEX., U. S. A.**
 FOREIGN AND DOMESTIC TRADE SOLICITED.

ESTABLISHED 1877. DAILY CAPACITY, 500 BARRELS.

EAGLE MILLS, J. B. Brennan & Son, **Sherman, Tex., U. S. A.**
 MILLERS AND EXPORTERS OF **SOFT WINTER WHEAT FLOURS.** Correspondence solicited. Samples submitted.
 Best shipping and grain receiving facilities in Texas.



Canadian County El
Mill and Elevator Reno,
Company. Ok.
Capacity, 700 Bbls.
 Manufacturers of KANSAS HARD WINTER WHEAT FLOUR for Domestic and Foreign trade. Correspondence solicited.
 Cable address—Canadian. El Reno, Oklahoma, U.S.A.

The Little Rock Mill and Elevator Co.

LITTLE ROCK, ARKANSAS.



Manufacturers of
and . .

Dealers in

Flour and Meal,
Grain and Mill Feed.

Our Leading Brands :

OPAL,
WAVE CREST,
BELLE,
STAR MEAL.

Daily Capacity :

500 Bbls. Flour,
 600 Bbls. Meal.

We are ready for business,
 Domestic and Foreign.

L. M. Coates, of Corsicana, Tex., and is about the earliest ever grown in the United States. This is surprising, since the spring was very backward, and shows that the crop is maturing rapidly. The quality is very good. Some grains are not as plump as they might be, but the sample is good enough to grade No. 2.

W. H. Caldwell, representative of the Barnard & Leas Co., Moline, Ill., says he saw wheat on the Big Four from Vincennes, Ind., five weeks ago, and again this week and talked to parties at almost every station, as a result of which he finds there has been but little damage in that section by the fly, and he believes the acreage that came through the winter will yield a good crop in nearly every instance. Mr. Caldwell also reports that wheat south of Terre Haute, Ind., in Vigo County, has been much damaged by fly, nearly 50 per cent reduction in promise having resulted from this cause.

A conference was held Wednesday afternoon in the directors' room of the Merchants' Exchange between a number of grain men and millers and Traffic Manager Vanlandingham, of the St. Louis Freight Bureau, to discuss the matter of the evidence to be submitted to the Interstate Commerce Commission, at the hearing to be held in this city June 15 and 16, relative to the rates on grain and grain products for export. It was decided that Commissioner Vanlandingham should confer with a number of gentlemen, whose names were suggested at the conference, and take in charge the matter of procuring such evidence for the grain men as appears to him to be necessary.

The Weatherford, O. T., Mill Co. is erecting a new mill, to have a daily capacity of 150 barrels of flour, and has placed the order for machinery with the Wolf Co., Chambersburg, Pa., consisting of the following: Seven double 9x18x24 roller mills; three gyrating scalpels, graders and bolters; one centrifugal reel; three sieve purifiers; dust collectors, cleaners, packers, scales and all connections. The stockholders in this company are also interested in the Canadian County mills, El Reno, O. T. Mr. Henry Lassen is the president of both companies, and he being pleased with the milling results obtained in the El Reno mill, decided to award the contract to the Wolf Co. for the new mill without competition. The mill is to be completed and in operation in August.

At noon Thursday, at Christ Episcopal Cathedral, in Louisville, Ky., the nuptials of Miss Abby Ballard, daughter of Charles T. Ballard, the widely known Louisville miller, and former president of the Board of Trade of that city, and Jefferson D. Stewart occurred. The event was the most notable of the social season in Louisville. Mr. and Mrs. Stewart left at once for New York, whence they will sail for Europe, where a honeymoon of a year will be spent. The bridegroom's present was \$100,000 in cash in an elaborate treasure box. Mr. Stewart for several years had been vice-president of the Ohio Falls Car Manufacturing Company, but upon the ab-

sorption of that company by the American Car and Foundry Company he disposed of all his holdings and became prominently identified with the newly organized whisky trust, known as the Kentucky Distilleries and Warehouse Company.

Ex-Governor E. O. Stanard, of the E. O. Stanard Milling Co., was elected president of the Transmississippi Commercial Congress at its session at Wichita, Kan., this week. The other officers elected are: First vice-president, Walter Gresham, Galveston, Tex.; second vice-president, L. B. Prince, New Mexico; third vice-president, E. V. Smalley, Minnesota; fourth vice-president, J. Hudson McKnight, of Wichita. Ex-Governor David R. Francis, of Missouri, presented the Louisiana Purchase Fair at the Friday session. He outlined the plan adopted at St. Louis for raising \$15,000,000, \$5,000,000 by subscription, \$5,000,000 by bonding the city, and \$5,000,000 to be secured as a loan from the federal government, and urged the delegates to co-operate in their respective states by working upon their congressional delegates to support the desired loan appropriation.

QUINCY.

QUINCY, ILL., June 2.—During the past week the temperature has ranged between 42 and 88 degrees above zero. During this same period there has been a local rainfall of two and one-half inches, with indications at the present time favorable for more. The rainfall in this territory for the past two weeks has amounted to five and one-fourth inches, which is almost double what is normal for this season of the year. There is yet much corn ground unbroken. Wheat is growing all right, but the condition of the growing oat crop begins to show the effect of too much rain, while the corn is not getting along at all. Should this phenomenal rainfall continue for another week or ten days the corn and oat crop in this section of the country will be badly damaged, if not a great deal of it entirely ruined.

Wheat receipts for the past week have been some better than for the past month. Millers are paying 72c per bushel for No. 2 red winter wheat; 65¢@68c for No. 3; 53¢@55c for No. 4; rye, 50c; corn, 39¢@40c; oats, 30¢@31c.

Millers are holding the prices of flour steady at the following range: High patent, \$4 per barrel; extra fancy, \$3.80; hard wheat straight, \$3.80; retail 20c per barrel higher. Rolted meal in bulk, \$1.10, and sacked \$1.20 per hundred. The local mills are all running day true, with demand for flour and feed almost sufficient to take their output. Most of the millers in this territory complain of close competition for business in the sale of flour, while the demand for mill feed and corn goods remains active and at fair prices.

Proctor Taylor has returned home after spending several weeks in Chicago.

James L. Taylor has returned from

the convention of the Winter Wheat Millers' League, held at Detroit last week. He reports having had a fine time.

HANNIBAL, MO.

The Hannibal Milling Company reports trade conditions fair.

Pindell Bros. & Co. started the Magnolia mill again Wednesday, after being down several days.

Carter, Shepherd & Co. keep their Eagle mill moving along day time, and report trade satisfactory.

F. J. Becker, superintendent of the Texas Star Mill, of Galveston, Tex., was a visitor in Hannibal several days last week.

A large amount of the growing wheat in the bottoms in the vicinity of Hannibal has been badly damaged by the severe rains of the past two weeks. Some of the best fields have suffered the most, while the wheat on the upland has nearly all headed and is looking fine.

MACON, MO.

The Macon Milling Company reports trade good, with mill running steadily day time.

The demand for mill feed and corn goods remains strong, the demand being in excess of output.

W. D. HOLLISTER.

NASHVILLE AND SOUTHEAST.

NASHVILLE, TENN.—The flour trade has shown material improvement the past week, and demand is better than for some time past. The flour market seems to have taken on some of the spirit shown by wheat, and mills this week advanced prices from 10c to 15c all round. Quotations are: Patent, \$3.95@4; straight, \$3.65@3.70; extra fancy, \$3.55@3.60; fancy, \$3.30@3.35; choice, \$2.75@2.85.

Wheat shows some strength, but receipts are light, the advance having checked offerings to some extent. Quotations are for wagon, 72c; car lots, 74c; wheat with good bills, 75¢@76c.

Cornmeal continues very active at prices which rule as follows: Bolted, 92c per 110 pounds; grits, \$2.30. All the corn mills are oversold on meal, but there is a fair stock of grits on hand.

Corn receipts are fair, and quotations are 42c for good Western milling, and 40c for local.

The corn plant of the Cumberland mills, Nashville, will be ready to put into operation by the middle of June.

The Model mill shut down to-day, and will begin next week putting in six Universal bolters, which were recently purchased.

The Cumberland mill, Nashville, which has been shut down all the week having its boilers reset, will resume operation next Monday.

The Cumberland Mills Co. has sold the site of mill "A," which was recently burned, to the Louisville & Nashville Terminal Co., and this property will be incorporated into the railroad yards.

The Liberty mills, Nashville, report:

Business has picked up considerably this week, and we have been selling more flour than for any previous week since the first of the year. Our inquiry has also increased, and this is a good indication. Our corn mill is still running to its full capacity, and we are still behind on orders for meal.

The Model mills, Nashville, report: We have been running full time for the past two or three weeks trying to accumulate flour in order to be in position to shut down, but we have been unable to accumulate, and so will close down at once. Values of both wheat and flour are firm and advancing. Buyers are just beginning to realize that prices are up to stay, and consequently they are trying to enhance their stocks.

The Cumberland mills, Nashville, report: Flour is going up with wheat, and the result is that business shows more snap this week than for several weeks past. We have had a better demand, and expect to have a good trade all during the rest of this season. Foreign inquiry has been quiet. All the corn mills are doing a good business, and we have been unable to secure meal to supply our trade, and are, therefore, practically out of the meal business until our new mill is started. G. T. HALLEY.

MEMPHIS.

MEMPHIS, TENN., June 2.—(By telegraph from E. C. Buchanan & Co., flour, grain and feedstuff merchants.)—The general trade here this week has been very dull indeed, and there is no disposition to buy flour at all. Considerable stuff being offered by Western mills, as well as mills from Illinois and Indiana. The following are about the nominal prices: Choice patents, \$3.50@3.65; bakers, \$3.25@3.40; cornmeal, \$1.65@1.70. Sacked meal, 10@15c less. Stock of flour, 28,000 barrels.

NEW ORLEANS.

NEW ORLEANS, LA., June 2.—(By telegraph from J. Hy. Lafaye & Sons, flour, grain and feedstuff merchants.)—We quote: Soft winter extra fancy, \$3.65@3.70; patents, \$3.95@4.15; Kansas patents, \$3.90@4; straights, \$3.50@3.60; cornmeal, \$1.95; grits, \$2.15.

ROME.

ROME, GA., June 2.—(By telegraph from H. D. Cothran & Co., flour, grain and feedstuff merchants.)—Demand for flour is much better; quotations advanced 20c from a week ago. Winter patent, \$4.15; straight, \$3.85.

CHARLESTON.

CHARLESTON, S. C., June 2.—(By telegraph from F. W. Wagoner & Co., flour, grain and feedstuff merchants.)—The flour market is quiet, with prices advanced 5@10c from a week ago. Quote: Tennessee patents, \$3.95; straight, \$3.65; spring wheat patent, \$4.35; bakers patent, \$4.30.

SAVANNAH.

SAVANNAH, GA., June 2.—(By telegraph from M. Fersts' Sons & Co., flour merchants.)—Flour trade this week has been fair, with fair demand. Ruling prices are: Winter wheat patents, \$4.15; fancy, \$3.95; straights, \$3.80; spring wheat patents, \$4.50; bakers, \$4; low grades, \$3.50.

ATLANTA.

ATLANTA, GA., June 2.—(By telegraph from George W. Brooke, flour, grain and feedstuff merchant.)—Soft winter wheat patents, \$4; extra fancy, \$3.60; Kansas wheat patents, \$4.10; spring wheat patents, \$4.50. Demand fair.

SAN FRANCISCO.

SAN FRANCISCO, June 2.—(By telegraph.)—Flour receipts for the week amounted to 45,000 barrels. Exports of flour: China, 13,000 barrels; Hawaii, 2,000 barrels; miscellaneous, 1,000 barrels. Flour market, \$3.60. Exports of wheat, none. Market, 66c. The weather has been favorable for crops during the past week.

KANSAS CITY.

KANSAS CITY, MO., June 2.—(By telegraph.)—There is a dearth of interest in the wheat flour market, and the general complaint is that sales are very slow. Prices have necessarily advanced in sympathy with the trend of the wheat market, but so far as business is concerned the higher valuation does not bring the right kind of returns. The winter wheat crop it is conceded, is greatly damaged and, of course, it is not without effect upon the price of the manufactured article. Quotations for the week are about as follows: Soft wheat, per barrel, patents, \$3.85@4; straights, \$3.60@3.75; extra fancy, \$3.20@3.35; low grades, \$1.85@2. Hard wheat patents, \$3.50@3.65; straights, \$3.10@3.15; bakers, \$2@2.50; low grades and city mills, 30@50c per barrel higher. Corn meal steady, slow sale, bulk, 61@62c.

BOSTON.

BOSTON, MASS., June 2.—(By telegraph from J. Walter Sanborn & Co., millers' agents and flour, grain, hay and produce merchants.)—Higher prices seem in order, asking prices at least. There have been but few sales and those below prices based upon present wheat values, according to Western ideas. The late crop reports seems to afford a cause for alarm as to what we shall do for bread for the future, but it has always been provided heretofore from some source. Spring patents, \$4.20@4.40; clears, 3@3.30; winter patents, \$4@4.25; straights, \$3.75@4.10; clears, \$3.60@3.75.

NEW YORK AND EASTERN STATES.

NEW YORK, June 2.—(By telegraph.)—The jump in wheat has naturally been accompanied by a decided jump in flour prices, but the volume of trade has been very light, even at the advance. Quotations have been advanced 5c to 15c over figures ruling last week, the winter wheat flour markets showing the greatest indifference on the rise. The local flour buyers' exhibit a very great conservatism, and have every day expected reactions in price, which have not come. The situation is very unsatisfactory. The buyers seem to look at the advance as very largely of a speculative character, and have waited patiently for the reactions.

The very sluggishness of the winter wheat market, in view of the fact of the damage in winter wheat, has tended to confirm this holding off disposition. In spring wheat flour, there has been a moderate business in patents, but the entire trade this week has naturally been below normal, owing to the interference of holiday with trade. The export demand has continued small, but the through movement is quite well maintained. City flour has sold slowly.

The trade in rye flour continues of moderate proportions, prices showing very little change, ranging from \$3 to \$3.45 for all brands. The wind-up for the week is extremely dull, the trade ignoring the bad crop reports.

LONDON.

LONDON, June 2.—(By cable.)—Market firm and higher. Winter wheat patent, \$3.80; fancy, \$3.45; Kansas patent, \$3.75; spring wheat patent, \$4.

LIVERPOOL.

LIVERPOOL, June 2.—(By cable.)—Sales slow, but market shows an upward tendency. Winter wheat patent, \$3.85; extra fancy, \$3.50; Kansas patent, \$3.50; spring wheat patent, \$3.80.

BARBADOS.

BARBADOS, May 17.—(From S. P. Musson & Co., general commission merchants.)—Flour receipts have been light and prices well sustained; family grades, \$5.65; extras, \$5@5.25; supers, \$3.75@4.10; cornmeal, \$2.73@2.85.

THE OUTLOOK

The condition of growing winter wheat has declined during the week in all of the States between the Missouri and Ohio Rivers, and north of Tennessee. The crop in Kansas has about held its own, and Oklahoma shows an improvement. Missouri reports rust and cheat, in addition to Hessian fly and chinch bug. Michigan also sends numerous cheat reports. On the whole, estimates of a week ago as to the winter wheat yield have not been sustained. Harvest is on in Tex-

LEADING MILLS OF TENNESSEE AND KENTUCKY

CABLE ADDRESS:
"SAX" NASHVILLE

MODEL MILL CO.
NASHVILLE, TENN., U.S.A. MANUFACTURERS OF
PURE WINTER WHEAT FLOUR
FOR EXPORT AND DOMESTIC TRADE.

W.M. LITTERER, PRES.
W.C. MYERS, SEC. & TREAS.

CORRESPONDENCE INVITED.



Capacity, 600 Bbls. Daily.
SHELBY MILLS,
Flour, Corn Meal and Feedstuffs,
G. T. MAYS CO.,
MEMPHIS, TENN.

E. P. BRONSON, Vice-Prest. & Gen'l Mgr.

CAPITAL \$400,000.

W. T. CARTWRIGHT, Sec'y & Treas.

CUMBERLAND MILLS,
NASHVILLE, TENN.
High Grade Winter Wheat Flour.
Highest Prices paid for Wheat and Corn. | DAILY CAPACITY, { FLOUR, 2500 BARRELS.
MEAL, GRITS, ETC., 4000 BUSHELS.

DAILY CAPACITY 2000 BARRELS.
EXPORT BRANDS: LEONTE, NORDYKE, GLOSTER, SUNOL, TITANIC.
LIBERTY MILLS
NASHVILLE, TENN.
PREMIER MILL OF AMERICA.
AGENTS: ROSS, T. SMYTH AND CO., For LIVERPOOL & LONDON.
FLOUR MADE FROM THE CELEBRATED TENNESSEE WINTER WHEAT.
EM. KELLEY, Pres. E. C. ANDREWS, Sec'y.



Capacity, 1,000 Bbls. Daily. Capacity, 1,500 Bbls. Daily.
The Mississippi Mills AND The Georgia Mills,
High Grade Winter Wheat Flour. The Best Corn Plant in the South.
CANNON & YATES, Proprietors,
MEMPHIS, TENN.
CORRESPONDENCE SOLICITED--DOMESTIC OR FOREIGN.

MILLERS HAVING BRAN TO OFFER CHEAP
PLEASE CORRESPOND WITH US.
BALLARD & BALLARD CO.,
Exporters of Bran, LOUISVILLE, KY.

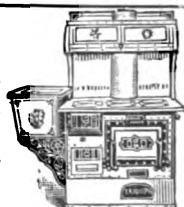
IF YOU WANT FLOUR OR FEED WRITE TO **LEXINGTON ROLLER MILLS CO.,** Our patent is standard for Ky.
LEXINGTON, KY., U. S. A. Our feed is the leader in the Boston market.
CAPACITY, 600 BBLs. FOREIGN AND DOMESTIC CORRESPONDENCE SOLICITED.

MILES & SON, MANUFACTURERS OF **Pure Winter Wheat Flour.** Cable Address "Miles."
FRANKFORT, KY., U. S. A.
Foreign and Domestic Correspondence Solicited. Mixed Feed in 100-lb. Sacks. Riverside and Robinson Codes used.
Member of the Winter Wheat Millers' League.

HAVE.... SEND FOR OUR RATES FOR
YOUR.... WEEKLY SYSTEMATIC AND
FLOUR.. ACCURATE BAKING TESTS.
TESTED. THE DES MOINES PURE FOOD LABORATORY,
DES MOINES, IOWA.

\$50.00 RANGE FOR \$25.00
TO INTRODUCE OUR

TRIUMPH STEEL RANGE into every section of the United States, we will for a short time deliver at your depot free of charge our highest grade Steel range for \$25.00. The regular retail price is \$50.00. It has six 8-inch lids. Top cooking surface is 30x34 inches. Oven 12 inches high, 17 inches wide and 21 1/4 inches deep, and 15-gallon reservoir. Weight 400 lbs. Burns wood or coal. Write for Free Descriptive Pamphlet. Best Range made. W.M. G. WILLARD, Manufacturer, 619 N. Fourth Street, St. Louis, Mo. Will ship C. O. D. with privilege of examination.



KEEP THE LARGEST STOCK.
DO THE BEST WORK.

Cotton, Jute and Paper Bags,



ST.

LOUIS.

Try Our Towel Sack.

RECEIPTS AND SHIPMENTS OF WHEAT AND FLOUR BEGINNING SATURDAY, MAY 27, ENDING FRIDAY,
JUNE 2, INCLUSIVE

FLOUR.					WHEAT.				
	RECEIPTS.		SHIPMENTS.			RECEIPTS.		SHIPMENTS.	
	This Week.	Last Week.	This Week.	Last Week.		This Week.	Last Week.	This Week.	Last Week.
St. Louis	25,855	21,920	32,300	24,815	St. Louis	105,195	82,124	72,080	120,520
Chicago	82,000	71,600	82,800	83,000	Chicago	282,000	151,200	112,600	324,300
Toledo					Toledo	347,934	276,332	101,000	125,000
Detroit	2,600	8,400	8,600	1,800	Detroit	86,967	88,639	4,828	24,068
Kansas City					Kansas City	363,300	260,400	156,800	142,100
Milwaukee	54,775	06,725	76,696	79,269	Milwaukee	179,900	128,950	70,800	9,800
Minneapolis			240,216	250,042	Minneapolis	2,379,440	1,462,810	218,120	114,996
Duluth					Duluth	667,080	630,881	981,923	724,872
New York	124,421	107,473	53,479	64,288	New York	1,232,175	822,575	516,804	526,135
Baltimore	63,893	140,228	32,131	49,176	Baltimore	285,719	344,534	191,500	304,900
Philadelphia	15,138	37,534	12,000	14,160	Philadelphia	101,422	46,381	80,076	83,364
Boston	19,451	15,639	6,068	18,133	Boston	99,647	289,228	417,266	246,763
San Francisco	45,000	26,000	16,000	21,000					
Total	432,539	490,499	553,290	605,683	Total	6,050,819	4,486,013	2,912,097	2,697,002

as where an increased acreage will yield an average crop. The yield per acre in that State is slightly under that of last year, but the quality is considered better than last year. Tennessee and Oklahoma will begin harvesting within a few days. Owing to the advance in flour trade has been limited. Inquiries are numerous and indication point to good business, if prices are sustained.

FEEDSTUFFS.

ST. LOUIS, June 2.—This is the quiet season for bran, as grass and fodder are plentiful, which curtails the demand for bran, but, on the other hand, the production has been so small that prices were maintained. The mills are running on short time and have little bran to sell, but there were larger offerings from the West. Sacked bran sold at 56@67c basis East track, and mixed feed at 57c; bulk bran at country points at 52c; middlings on direct orders at 64@66c; bran in small lots from mills to the jobbing trade at 60c.

SAVANNAH, GA., June 2.—(By telegraph from W. D. Simpkins & Co.)—Grain and feedstuff market is dull. We quote: Pure wheat bran, sacked, \$15.50; white corn, sacked, 50c; No. 2 mixed corn, 49c; No. 2 oats, 35 all rail, 34½c rail and water; No. 1 timothy hay, \$15.

CHARLESTON, S. C., June 2.—(By telegraph.)—White corn, 49c; white clipped oats, 39c; No. 2 mixed oats, 34c; all sacked; No. 1 timothy hay, \$16; No. 2, \$15.

ROME, GA., June 2.—(By telegraph.)—White corn, bulk, 47½c; large demand, increasing daily; bran, 72c.

ATLANTA, GA., June 2.—(By telegraph.)—White corn, 47c.

MEMPHIS, TENN., June 2.—(By telegraph.)—The order trade for grain and feedstuffs has been very quiet and, as a rule, unsatisfactory. Reports from the country are that agricultural operation are progressing nicely, and the corn throughout this territory looks well. No. 2 red winter wheat, nominally 80c; No. 2 white

corn, 37c; mixed corn, 36c; No. 2 white oats, 30½c; No. 2 mixed oats, 28c; wheat bran, \$11@11.50; chop corn, made of choice mixed corn, \$14; corn bran, \$7.50@8. There is no demand for chopped corn mixed with corn bran. Stocks: Corn, 70,000 bushels; oats, 80,000 bushels.

KANSAS CITY, MO., June 2.—(By telegraph.)—Bran lower, 49c; corn chop draggy, 59@60c.

BOSTON, MASS., June 2.—(By telegraph.)—Feed trade dull, but continued dry weather should cause a better demand.

QUINCY, ILL., June 2.—(By telegraph.)—The demand for millfeed remains good, with prices unchanged. Wholesale, bran, \$13; shipstuff, \$14 per ton. Retail, bran, \$14; shipstuff, \$15 per ton; chopped corn, 80c per hundred; chopped corn and oats, 90c per hundred.

NASHVILLE, TENN.,—(By telegraph.)—Demand for bran is good at \$12@12.50 per ton.

AMONG THE MILL FURNISHERS.

W. H. Wyker, representing the Wolf Co., Chambersburg, Pa., distributed flour triers at the Detroit convention of the Winter Wheat Millers' League.

The Steel Storage and Elevator Construction Co., Buffalo, N. Y., advises that it has just closed contract with the Replogles & Co., Red Oak, Ia., for a 50,000-bushel pneumatic mill storage plant. There will be two steel tanks, each to have capacity of 25,000 bushels, connected with our pneumatic conveying system. It is hoped to begin erection of this plant in a few days.

The Huntley Manufacturing Co., Silver Creek, N. Y. advises its factory is running until 9 p. m. every night, and is 150 orders behind. April and May were the two largest months in the history of the business of this company, and if the orders continue the balance of the year as for the past five months, it will build several more machines than ever before. The company is having a very large sale on its New Monitor scouter.

W. D. Marsh, Marionville, Mo., has ordered of Nordyke & Marmon Co. a swing sifter, scalper, grader and bolter.

Wiley Team, Ridgeway, S. C., is building a new 25-barrel gyrator mill, having contracted for same with The Wolf Co., through U. C. Darby, representative.

The L. H. Shepherd Grain and Bean Co., Charlotte, Mich., has contracted with Nordyke & Marmon Co. for a complete 60-barrel mill on the swing sifter system.

H. W. Gladhill, representative of The Wolf Co., has closed a contract with Nell, Fleece & Co., Campbelsville, Ky., for a new 50-barrel gyrator mill.

The Ligonier Milling Co., Ligonier, Ind., has placed a second order with the Nordyke & Marmon Co. for another swing sifter, scalper, grader and bolter.

Charles J. Worth, Moscow, Ky., is remodeling his mill to the gyrator system and increasing capacity to 75 barrels. U. C. Darby, representative of The Wolf Co., took the order.

Available Supplies.

Available flour and grain supplies being the aggregate of the amount visible and that afloat, are

	Bushels.
Flour and wheat	65,392,000
A year ago	69,272,000
Corn	26,130,000
A year ago	38,195,000
Wheat and flour increase	4,024,000
Increase a year ago	3,867,000
Corn, decreased	2,120,000
Increase a year ago	1,031,000

Shipments of Flour and Wheat to Europe

Shipments of flour and wheat to Europe last week amounted to 8,781,000 bushels. The countries from which exports were made and the amount from each was as follows:

	Bushels.
United States and Canada	3,198,000
Russia	1,800,000
Danubian ports	448,000
India	975,000
Argentine Republic	2,056,000
Australia	304,000
Total	8,781,000

LEADING MILLS OF OHIO

**The SHELBY
MILL CO.,**
Shelby, Ohio, U. S. A.

Has for 20 Years Made the
Best Flour Manufactured in Ohio
And is still at it.

1000 Barrels Daily.

Member of the Winter Wheat Millers' League.

The Orrville Milling Co.,
MANUFACTURERS
OF...
**WINTER
WHEAT
FLOUR, . . .**
Capacity 800 Bbls.
ORRVILLE, OHIO.

Member of the Winter Wheat Millers' League.

FLOUR ADULTERATION

**WITH FLOURINE,
CORN STARCH,
OR CORN FLOUR.**

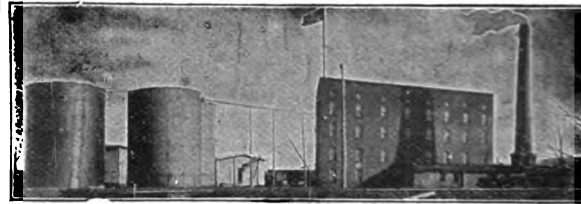
Proteids, Carbohydrates and Gluten tests
a specialty. Examinations of all kinds.

COLUMBUS FOOD LABORATORY,

Suite 1408, 103 State St.

CHICAGO, ILL.

THE NORTHWESTERN ELEVATOR & MILL CO.,



THE TOLEDO PLANT.

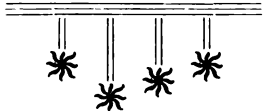
Manufacturers and
Exporters of
**STRICTLY PURE
Winter Wheat Flour**

Capacity, 1500 Bbls. Daily.
Gen. Office: 45 Produce Exchange.

TOLEDO, O.

Mills at Toledo, Loudonville,
Mt. Vernon, O.

**Mobile
Steamship
Company**



W. C. TAYLOR,

Gen'l Manager.



REGULAR SAILINGS
FROM

MOBILE, ALA.,

TO
**CUBAN
PORTS.**

**FLORIDA COAST
POINTS.**

G. S. TAYLOR,

Gen'l Frt. & Pass. Agt.

MOBILE, ALABAMA.

Harmon-Whitmore Co.,

MANUFACTURERS OF

Wilson Tubular Dust Collectors

++++ **Morse Rotary Dust Collectors**

AND

Whitmore Purifiers. . .

L. S. MEEKER,
GEN'L AGT.

Jackson, Mich.

On Ocean Passage.

The amount of flour and wheat on
ocean passage increased 5,360,000 last
week:

On passage now 41,200,000
On passage a year ago 45,600,000

The amount of corn on passage in-
creased 640,000.

On passage now 1,200,000
On passage a year ago 18,080,000

REVIEW OF THE GRAIN MARKET

St. Louis, June 2.—The range of
grain values at the markets below
mentioned for the week beginning
May 26, and ending June 2, inclu-
sive, was at the close on dates men-
tioned:

	May 26.	June 2.
St. Louis, July wheat.....	79½-¾	79¾
St. Louis, July corn.....	83	82¾
St. Louis, July oats.....	26¼	28¾
Chicago, July wheat.....	74¾	76¾-¾
Chicago, July corn.....	82¾	83¾
Chicago, July oats.....	25¼	28¾
New York, July wheat.....	81¾	81¾
New York, July corn.....	89¾	89¾
New York, July oats.....	70	70¾
Kan. City, No. 2 hd wh.....	77	76
Kan. City, No. 2 red.....	82	80¾
Kan. City, No. 2 corn.....	20½	25
Kan. City, No. 2 oats.....	52	50
Bran.....	60	59
Rye.....		

With the exception of a holiday
Decoration Day, the wheat market for

the week has been full of life and activity. Speculation has been on a broadening scale, and prices have scored quite an advance, but the top notch was not fully maintained at the end of the week. The buying has been by the public who are now turning to the cereal markets and giving them more attention. The crop damage is, of course, the great feature to the market. Heavy rains in the South bring reports of rust; advices of Hessian fly harm are coming from all quarters. The advance began at the opening on Monday because of the thousands of telegrams that burdened the telegraph wires with their many tales of harm done the crop through the medium of rust, high winds and insect life. The buying came from all quarters, and was of such a good character that July was shoved up to 77½c. Then came the holiday, but Liverpool had caught the fever and sent the most radical cables for months, quoting prices there 2½d higher, and reported a great demand for wheat. The sensational advance in Liverpool was given as confirmatory of the numerous stories heard of injury to the Roumanian, Danubian and Russian wheat crops. When business was resumed there was a great scramble for wheat from the outside

as well as by the professional traders, and it looked for a sort space as if the 80c mark would be reached. As it was, the market came within ½c of touching that point, which has been talked about for months and ever since the stories of damage to winter wheat was heard. There was an immense amount of realizing profit taking, which brought about a natural reaction, but still leaving the market higher than a week ago. If the crop is as badly damaged as has been stated, wheat is not at all dear, and as speculation is now in the market, frequent rallies and even sharp advances can be looked for. The only drawback at present and the offsets to a roaring, advancing market is the apathy of the foreigner. He is not buying cash wheat with any kind of vigor, but within the past two days there are indications of good business in progress. In the spring wheat section the weather is all that could be desired, and the crop is coming forward quite rapidly.

In corn, it has been a sinking market for the first part of the week on better weather and some country selling. The end of the week showed a great improvement in prices from various causes. First, there has been too much rain in Illinois, and the same applies to Missouri and Iowa. This

excessive moisture has doubtless produced an excessive growth, weedy and rank. In many sections the corn is not doing as well as it was expected, and hence the sellers early in the week took alarm and began buying freely, bringing about a good recovery in prices. Then wheat was also strong, and helped corn very materially, there being a good recovery in the price from the low prices touched. Outside of the strength in wheat there is nothing particular to put corn up. There was another big decrease in the visible of 3,275,000 bushels for the week.

In oats, the early part of the week witnessed a further deterioration in price, owing to the continuation of the former glowing crop reports and the advices of a largely increased acreage. The selling has been chiefly by the country longs through the commission houses, who have been letting go of property all week. About the only factor in favor of oats that is for the near deliveries is the smallness of stocks at all of the primary points, and which can be depended upon to sustain the market occasionally when the trade gets too enthusiastic on the selling side. The latter end of the week showed that the market had some recuperative power, and the result was a fair recovery of about 1c from the lower prices. There are no new or interesting features to the market. The visible this week showed a total decrease of 143,000 bushels. The receipts of oats keep up to such an extent that a great deal of difficulty is met in effecting cash sales.

In rye, the market shows some signs of activity, and there is a little more interest manifested. The activity, though, is mainly in the deferred deliveries, especially September, which has advanced about 2½c for the week. The speculation in rye is better than usual, and the best reason for it is, of course, the increased action in wheat. There is also some export inquiry for rye, owing to the poor crop prospects in Russia and Roumania.

In flax, the market is a rather quiet and dull one, and shows no life at all. There is naturally a little strength in the market, owing to the firmness in wheat, but no widespread trading in it. The distant delivery is steady, and for the week shows a moderate advance. Crushers are as yet indifferent as to supplies, and are staying out of the market almost entirely.

JOSEPH B. BRACKEN.

East Bound Freight Rates.

Freight Rates quoted to-day on flour per 100 pounds from East St. Louis and common points to points named (alongside of vessel at ports named), in car load of not less than 24,000 pounds, are:

To	All Rail.
Boston	21½
Boston—export	19½
New York	19½
Philadelphia	17½
Reading	17½
Harrisburg	16½
Wilkesbarre	17½
Lancaster	17½
Mauch Chunk	17½
Scranton	17½
Buffalo	13
Baltimore	16½
Albany	18½
Troy	18½
Schenectady	17½
Utica	16
Hornellsville	16½
Newport News	16½
Syracuse	16½
Rochester	15
Detroit	9
Pittsburg	13
Salamanca	21½
Providence	17½
Binghamton	10
Cleveland	10

Ocean Freight Rates.

Below are quoted ocean freight rates in cents per 100 pounds for this week, on flour to and from the ports mentioned:

To	From	
Aberdeen	Baltimore	21.09
Aberdeen	New York	21.09
Amsterdam	New York	12½
Antwerp	New York	11½
Antwerp	Newport News	12
Belfast	Baltimore	13½
Belfast	Newport News	14
Bristol	New York	12.66
Bremen	New York	15
Bremen	Baltimore	15
Cork	Baltimore	22½
Christiana	New York	19
Copenhagen	New York	15.47
Dublin	Baltimore	13½
Dublin	Newport News	14
Dundee	Baltimore	21.09
Dundee	New York	16.88
Genoa	New York	14.06
Glasgow	New York	9
Glasgow	Newport News	13
Hamburg	New York	14
Hamburg	Baltimore	13
Hamburg	Newport News	14
Havre	New York	17
Hull	New York	14.06
Leith	Baltimore	15.19
Leith	New York	14.06
Liverpool	Boston	6.75
Liverpool	New York	7.03
Liverpool	Newport News	8
London	New York	11.25
London	Boston	11.25
London	Philadelphia	14.06
London	Baltimore	14.06
London	Newport News	12
Manchester	New York	11.25
Newcastle	New York	14.06
Rotterdam	New York	12
Stettin	New York	15.47

When ocean freight is prepaid, \$4.86 United States gold is equal to £.

SOUTHEASTERN FREIGHT TARIFF.

The appended tabular statement gives the freight rates on flour, grain, mill feed and hay, from St. Louis, East St. Louis and Bellville, Ill., to Southeastern points named. Class F gives the rate per barrel on flour and corn meal in barrels. Flour in sacks takes a slightly higher rate. Class D gives the rate on grain, mill feed and hay:

To	Cents per 100 lbs.	
	D.	F.
Akron, Ala. (for C. S. & M. Stations)	25	54
Alabama City, Ala.	27	58
Albany, Ga.	26	70
Aldrich, Ala.	24	75
Americus, Ga.	23	70
Anniston, Ala.	27	58
Athens, Ga.	21	66
Atlanta, Ga.	29	62
Attala, Ala.	27	58
Augusta, Ga. (Prop'r)	21	66
Barclays, Ala.	27	58
Beaufort, S. C.	28	60
Bessemer, Ala.	25	54
Birmingham, Ala.		
Blount, Ala.		
Blount Junction, Alabama	25	54
Brierfield, Ala.		
Bristol, Tenn.		
Brunswick, Ga.	28	60
Calera, Ala.	22	74
Caryville, Fla. (for Choc. River Landings)	26	76
Cedartown, Ga.	23	72
Charleston, S. C.	28	60
Chattanooga, Tenn.	24	52
Clarksville, Tenn., (store door)	19	40
Columbiana, Ala.	25	80
Columbus, Ga., (Prop'r)	21	66
Columbus, Ga., (for S. W.)	21	62
Dalton, Ga.	29	52
Decatur, Ala.	22	62
Demopolis, Ala.	29	66
Dukes, Ala.	28	70
Edward's Furn., Ala.	25	54
Elberton, Ga.	26	74
Ensley, Ala.	25	54
Eufaula, Ala., (Prop'r)	21	66
Eufaula, Ala., (for S. W.)	21	66
Fernandina, Fla.	28	60
Florence, Ala.	22	53
Fort Gaines, Ga.	24	72
Gadsden, Ala.	27	58
Gainesville, Fla., (Prop'r)	28	50
Gate City, Ala.	25	54
Gurnee, Ala.	28	72
Huntsville, Ala.	22	53
Ironaton, Ala.	27	65
Jacksonville, Fla.	28	60
Jenifer, Ala.	27	58
Jesup, Ga.	25½	76
Knoxville, Tenn.	27	59
Lake City, Fla.	28	60
(G. S. & F. So. of Lake City.)	41	86
Lake City, Fla., (Prop'r)		
Live Oak, Fla., (Prop'r)		
Live Oak, Fla., (F. C. & P. & So. Fla. Rr.)	28	60
Macon, Ga.	21	66
Milledgeville, Ga.	28	70
Montevallo, Ala.	28	86
Montgomery, Ala.	25	54
Morrison, Tenn.	28	81
Munford, Ala.	27	59
Nashville, Tenn.	16	24
New Brandon, Fla., (Suw. River L'd'g)	24	72
New Decatur, Ala.	22	58
No. Birmingham, Ala.	25	54
Opelika, Ala.	21	66
Oxanna, Ala.	27	58
Oxford, Ala.		
Oxmoor, Ala.		
Palatka, Fla.	24	72
Pell City, Ala., (for B. & A.)	27	58
Pensacola, Fla.	22	51
Port Royal, S. C.	28	60
River Junction, Fla.	24	76
Rome, Ga.	27	58
Ruffner, Ala.	25	54
Savannah, Ga.	28	60
Selma, Ala.	25	54
Seefield, Ala.	22	53
Shelby, Ala.	24	78
South Calera, Ala.	22	74
Sylacauga, Ala.	20	64
Talladega, Ala.	27	58
Thomas, Ala.	25	54
Trussville, Ala.	27	58
Tusculum, Ala.	22	53
Washington, Ga.	25	78
Waycross, Ga.	26½	74
W. Nashville, Tenn.	15	24
West Point, Ga.	28	88
Watumpka, Ala.	20	64
Woodlawn, Ala.	25	64
Woodstock, Ala.		
Woodward, Ala.		

Rates on hominy and grits, in barrels, 4 cents less than Class F.

POLK'S FLOUR MILL, GRAIN AND SEED DIRECTORY OF THE UNITED STATES AND CANADA.

Numerous inquiries for a complete and reliable Directory of Flour Mills and Grain Dealers of the United States and Canada have induced us to utilize our unequalled facilities in the compilation of the work. It will be so complete as to recommend itself and to prove invaluable to all who are interested in Milling and Grain. Amongst the more important features will be:

List of all Mills, U. S. and Canada—Capacity of Each. Kind of Power Used. Number of Rollers, Stones, etc. List of Cereal Mills, Buckwheat, Rye, Barley, etc. Grain Elevators. Grain Brokers and Commission. Grain Buyers and Shippers. Flour Exporters. European Flour Importers. Wholesale Flour Merchants, U. S. and Europe. Wholesale Bakeries. Mill Supplies. Mill Machinery Manufacturers. Wholesale Hay.

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WANTED.—Situation as head miller in good mill. Indiana, Ohio or Michigan preferred. Correspondence solicited.
KZ., care of THE MILLER.

WANTED.—I would like to correspond with some good mill company in need of a miller. I must have employment at once.
Address, W. D. Olmsted, Brinkley, Ark.

FOR SALE OR RENT.

300-barrel Roller Mill in fine wheat country; town of 3,500 inhabitants; good railroad facilities. Will sell at a sacrifice or rent to responsible parties.

"L," care MODERN MILLER.

AT A BARGAIN.

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and All Florida Points, Havana
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twice-a-month for those wishing to visit

THE GARDEN SPOT OF THE SOUTH.

On the excursions the rates are extremely low, and the limits on tickets are liberal. Ample time is allowed to see the country and stop-overs permitted going and returning at every point south of the Ohio river. For particulars address,

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Will be sold in late June and early July by the Santa Fe Route, at the time of the N. E. A. Convention in Los Angeles.

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Particulars on application.

The Santa Fe Route is 24 to 36 hours shorter than any other.

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To the Springs, Mountains and Sea
Shore Resorts of Virginia via BIG
FOUR ROUTE and CHESAPEAKE &
OHIO RAILWAY.

SUMMER EXCURSION TICKETS on sale June 1st, good returning until October 31st, and to stop off at any resort on the Chesapeake & Ohio Railway, both going and returning.

Leave St. Louis at noon on the Knickerbocker Special, and you will reach any of the mountain resorts in Virginia next morning, and old Point Comfort, on the seashore, at 6:30 P. M. Through sleeping and dining cars from St. Louis.

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St. Louis to New York via Norfolk and Old Dominion Steam Ship Co., \$23.50, 24 hours at sea. St. Louis to Boston via Norfolk and Merchants and Miners Steamers, \$26.50, 48 hours at sea.

Both rates are one way only and include meals and stateroom on the steamers. Tickets good ten days and to stop off.

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PERFECT SERVICE,
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CHOICE OF ROUTES and
THE SHORT LINE
TO COLORADO
VIA PUEBLO, THE
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in the Southern States. More mills are needed.

Desirable Locations

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There are also the best locations for Textile, Wood Working, Iron and Steel and Earthen Ware Plants along the road in the eight States it traverses.

Locations for Home-seekers in Fertile and Healthy Sections, with cheap Lands. Send for information about the South.

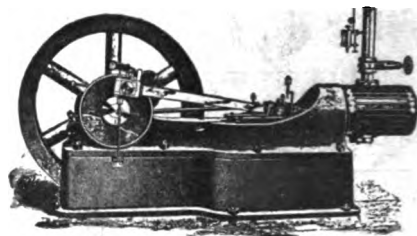
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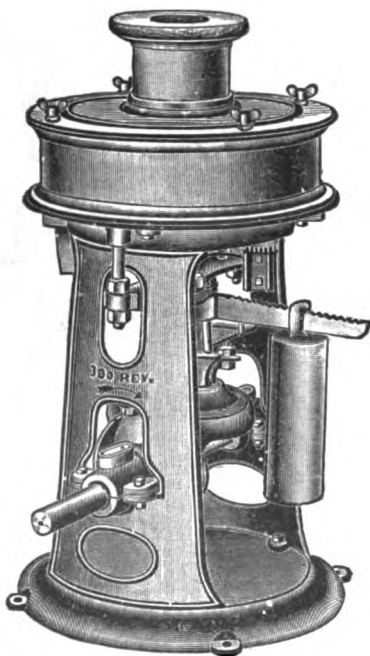
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Many Sizes and Styles—Upright and Horizontal. Adapted to Milling and all power purposes. Easy working balancegates. We guarantee most power with smallest quantity of water, at both full and part gates.

ENGINES AND BOILERS—UPRIGHT AND HORIZONTAL.

Write for pamphlet of either, stating your wants.

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THE SCROLL MILL.

MADE BY
THE KNICKERBOCKER COMPANY,
JACKSON, MICH.

BY USING the Scroll Mill alternately with smooth rolls for reducing middlings, you will be able to make just the kind of flour you have always desired to make, and you will at the same time be able to make a better finish without injuring the quality of the flour. No miller would try to get along without the Scroll after he has once seen its work.

